

BIOLOGICAL SCIENCES

787-A

A DIRECTORY OF
INFORMATION RESOURCES IN THE UNITED STATES

The National Referral Center may be described as the "information desk" of the scientific and technical community. It does not provide technical details in answer to inquiries or furnish bibliographic assistance. It functions, rather, as an intermediary, directing those who have questions concerning scientific and technical subjects to organizations or individuals who have specialized knowledge in these fields and are willing to share this knowledge with others.

In answer to requests for guidance and assistance, the Center provides *names, addresses, telephone numbers, and brief descriptions* of appropriate information resources. "Information resources" has been defined broadly to include professional societies, university research bureaus and institutes, Federal and State agencies, industrial laboratories, museum specimen collections, testing stations, and individual experts as well as more traditional sources of information, such as technical libraries, information and documents centers, and abstracting and indexing services.

The National Referral Center should be notified directly about any information resources not included in the present directory. Referral services are available without charge. No special forms are required. Requests may be made by calling area code 202, 426-5670, by writing to the Library of Congress, Science and Technology Division, National Referral Center, Washington, D.C. 20540, or by visiting the Center on the fifth floor of the Library of Congress Annex, Second Street and Independence Avenue SE.

The Center welcomes registration by any organization having knowledge or expertise that it is willing to share with others. A registration form is available for this purpose but its use is not mandatory. Those who wish to register may call area code 202, 426-5680, or write to the Library of Congress, Science and Technology Division, National Referral Center, Washington, D.C. 20540.

Other National Referral Center directories published by the Library of Congress are for sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. The number following the title should be used in placing an order.

Physical Sciences, Engineering, 803 p. 1971¹ (LC 1.31:D62/6) Stock No. 3000-0040) \$6.50

General Toxicology, 293 p. 1969 (LC 1.31:D62/5) \$3.00

Federal Government. With a Supplement of Government-Sponsored Information Resources, 411 p. 1967² (LC 1.31:D62/4) \$2.75

Water, 248 p. 1966 (LC 1.31:D62/3) \$1.50

Social Sciences, 218 p. 1965² (LC 1.31:D62/2) \$1.50

¹ Together with the present volume supersedes the first directory in the series, *Physical Sciences, Biological Sciences, Engineering*, 352 p. 1965, now out of print.

² Revised edition in preparation.

**A DIRECTORY
OF INFORMATION RESOURCES
IN THE UNITED STATES
BIOLOGICAL SCIENCES**

Science and Technology Division

National Referral Center

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PREFACE

This directory is the seventh in a series compiled by the National Referral Center under the general title *A Directory of Information Resources in the United States*. The second of four scheduled revisions of earlier volumes in the series, the present volume updates and extends the biological sciences coverage of a directory published in 1965 under the subtitle *Physical Sciences, Biological Sciences, Engineering*. An updated volume on the physical sciences and engineering alone appeared in 1971. These revisions are being supported by the National Science Foundation. Earlier directories and scheduled revisions are listed on the inside front cover.

Biological Sciences is the second publication in this series to be produced by a computer-based photocomposition system. Certain peculiarities in format associated with the transition to electronic composition may be noted, including occasional breaks between headings and text, awkward hyphenations, and uneven spacing of lines. It is hoped that the improved currency and frequency of the series made possible by automation will

more than compensate for any inconvenience caused by these minor inconsistencies in format.

Entries in the directory are based on a register of information resources that has been continuously expanded since the center was established in 1962. The approximately fourfold increase in the coverage of the present directory over that published in 1965 reflects the growth of the register during the intervening years. To ensure textual accuracy, each entry was submitted for review to the organization covered. The entries are alphabetically arranged and, to permit simultaneous computer preparation of the subject index, sequentially numbered. The index is keyed to these numbers rather than to page numbers.

Comments, criticisms, and suggestions for improving the center's directories are welcome and should be sent to the Library of Congress, Science and Technology Division, National Referral Center, 10 First Street SE., Washington, D.C. 20540. Inquiries are likewise invited from organizations wishing to register their information capabilities with the center.

CONTENTS

Preface.....	iii
Directory.....	1
Subject Index.....	499

0004

ACADEMY OF SCIENCE OF ST. LOUIS

0004 2 Oak Knoll Park
St. Louis, Mo. 63105
Tel: (314) 726-2888

AREAS OF INTEREST: General science; natural history; education; museum techniques.

HOLDINGS: Nearly all of the Academy's library holdings (90,000 volumes) are deposited in the Pius XII Library of St. Louis University and Washington University Library. The Academy's Museum of Science and Natural History maintains study collections in Missouri environs archaeology, rocks and minerals, mollusks, Missouri herpetology, antique lamps and lighting equipment, and antique radios.

PUBLICATIONS: *Museum Memo* (monthly newsletter); occasional reports.

INFORMATION SERVICES: Answers inquiries; permits onsite reference of study collections by appointment; identifies natural history specimens; conducts science programs and classes for schools and on individual basis; lends exhibits on science or natural history; sponsors field trips and lectures; conducts workshop for science teachers in cooperation with Harris Teachers College.

ADELPHI UNIVERSITY

Department of Biology

0005 Adelphi University
Garden City, Long Island, N.Y. 11530
Tel: (212) 347-2355
(516) 747-2200 Ext. 521

AREAS OF INTEREST: Biology, including microbiology, virology, mycology, marine ecology, protozoology, parasitology, invertebrate zoology, algology, animal cytology, cytogenetics, genetics, developmental biology, vertebrate paleontology, vertebrate morphology, vertebrate physiology, and ethology.

HOLDINGS: 200,000 books; 1,900 periodical titles.

INFORMATION SERVICES: Answers inquiries. Services are available only to special groups and individuals.

ADRENAL METABOLIC RESEARCH SOCIETY OF THE HYPOGLYCEMIA FOUNDATION, INC.

0006 P.O. Box 25
Fleetwood
Mount Vernon, N.Y. 10552

ACADEMY OF SCIENCE OF ST. LOUIS

Location:

1 Park Lane
Mount Vernon, N.Y.
Tel: (914) 664-6450

AREAS OF INTEREST: Clinical and laboratory research on the adrenal cortex and the problem of the hypoglycemia of hypoadrenocorticism; endocrinology.

HOLDINGS: Collection of books and medical records.

PUBLICATIONS: Newsletter, reports, booklets.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and literature-searching services; makes referrals; disseminates publications on request; conducts seminars for physicians; conducts clinical and laboratory investigations. Services are available to both medical personnel and laymen.

AEROJET-GENERAL CORP.

Advanced Products Group

0007 Aerojet-General Corp.
9200 East Flair Dr.
El Monte, Calif. 91734
Tel: (213) 443-4271

AREAS OF INTEREST: Space vehicles; sounding rockets; small satellites; guidance; microwave detectors, sensors, instrumentation, and communication medical biochemistry; surface effects ships.

HOLDINGS: 10,000 reports; 5,000 books; periodicals, abstracts, indexes.

INFORMATION SERVICES: Permits onsite use of collection.

AEROJET NUCLEAR CO.

Industrial Hygiene Section

0008 Aerojet Nuclear Co.
Box 1845
Idaho Falls, Idaho 83401

Location:

Building CF 609
National Reactor Testing Station
Idaho Falls, Idaho
Tel: (208) 526-0111 Ext. 2282

AREAS OF INTEREST: General field of industrial hygiene, including the following toxicological and water and air pollution; sampling techniques.

clinical effects of toxic gases, metals, and solvents; air filtration; respiratory protection; and solid and liquid waste, including radioactive waste, disposal.

HOLDINGS: The Industrial Hygiene Section uses the collections of the National Reactor Testing Station's Technical Library.

INFORMATION SERVICES: Answers inquiries; makes referrals.

Facilities include analytical chemistry laboratories with such instrumentation as gas chromatographs, mass spectrometers, emission spectrographs, X-ray diffraction apparatus, and neutron activation analysis facilities, and health physics facilities with complete human radioactivity level determination instruments (whole body counters, etc.) and decontamination facilities.

AEROSPACE MEDICAL ASSOCIATION

0009 Washington National Airport
Washington, D.C. 20001
Tel: (202) 638-2190

AREAS OF INTEREST: Aerospace medicine and bioastronautics, primarily the medical aspects of flying and adaptation of man to flight environments.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: *Aerospace Medicine* (monthly); preprints of Annual Scientific Program; membership directory (biennial).

INFORMATION SERVICES: Answers inquiries; provides reference services.

AFRICAN MEDICAL AND RESEARCH FOUNDATION, INC.

0010 420 Madison Ave.
New York, N.Y. 10017
Tel: (212) 421-5850

AREAS OF INTEREST: Medical research, public health, and health education in East Africa, including plastic and reconstructive surgery, virology, cancer research, nutrition, infectious diseases, microbiology, and heart disease.

HOLDINGS: Books, reports, data.

PUBLICATIONS: *Tanzania Health Services Report*; *Principles of the Treatment of Trauma*; *Study of Understanding of Visual Symbols in Kenya*; technical reports, data handbooks, books, brochures.

INFORMATION SERVICES: Provides consulting and reference services.

AGRICULTURAL RESEARCH CENTER, INC.

0011 1305 East Main St.
Lakeland, Fla. 33801
Tel: (813) 686-1017

A partial successor to the Soil Science Foundation, the Agricultural Research Center, Inc. is a nonprofit organization engaged in practical and limited basic research. Commercial services on a fee basis are provided by the other successor, Applied Agricultural Research, Inc., which also operates a private laboratory.

AREAS OF INTEREST: Soil analysis and fertilization, including fertilization of citrus groves; Florida agriculture; pesticides; herbicides.

HOLDINGS: 1,000 books; 5,000 reports; 50 periodical titles.

PUBLICATIONS: Pamphlets, reports, proceedings, reviews.

INFORMATION SERVICES: Answers inquiries and provides limited consulting services.

AGRICULTURE, DEPARTMENT OF

Agricultural Research Service

Agricultural Water Quality Management Laboratory

0012 Wilson St.
Route 2
Durant, Okla. 74701
Tel: (405) 924-5066

AREAS OF INTEREST: Predicting the effects of agricultural practices on water quality in the United States and maintaining desirable water quality for agricultural and other uses; movement of nutrients, pesticides, agricultural chemicals, and agricultural wastes into farm ponds, waterways, and ground water; effect of soil and water conservation practices on water quality in agricultural watersheds; effects of pollutants on agricultural uses of water; regulation of water quality in ponds, waterways, and ground water; methods for conducting water quality investigations related to agriculture.

HOLDINGS: Small collection of books, periodicals, and reports.

INFORMATION SERVICES: Answers inquiries.

Consumer and Food Economics Research Division

0013 Agricultural Research Service

0014

Federal Center Bldg.
6505 Belcrest Rd.
Hyattsville, Md. 20782
Tel: (301) 388-8451

AREAS OF INTEREST: Food consumption levels; nutritive value and economy of diets of various population groups; tables of food composition; family food budgets; guidelines for nutrition programs; rural family income and expenditures; economic problems of household management; effective use of food and other family resources.

PUBLICATIONS: *Family Economics Review* (quarterly); *Nutrition Program News* (bimonthly); research reports. A publications list is available from the Service's Information Division.

INFORMATION SERVICES: Answers inquiries (those that can be answered with prepared materials are referred to the Service's Information Division); provides bibliographic and reference materials; makes survey data available to researchers by special arrangement.

Cotton Research Center

0014 Agricultural Research Service, USDA
4207 East Broadway
Phoenix, Ariz. 85040
Tel: (602) 261-4221

AREAS OF INTEREST: Cotton (genetics, physiology, pathology); nematology (cotton, citrus, alfalfa); weed control in cotton.

HOLDINGS: Cotton varieties and species.

PUBLICATIONS: Articles in scientific journals.

INFORMATION SERVICES: Answers inquiries relating to the Center's research work; makes referrals.

Eastern Marketing and Nutrition Research Division

0015 Agricultural Research Service
600 East Mermaid Lane
Philadelphia, Pa. 19118
Tel: (215) 247-5800 Ext. 215

AREAS OF INTEREST: Chemistry; biochemistry; chemical engineering; dairy products; detergents; food technology; fruit and vegetable utilization; hides and leather; industrial wastes; meat; milk; oils and fats; polymers; proteins; spectrum analysis; tobacco.

HOLDINGS: 3,500 books; 470 periodical titles; USDA publications.

PUBLICATIONS: Reports, monthly list of new accessions.

AGRICULTURE, DEPARTMENT OF

INFORMATION SERVICES: Answers inquiries; provides reference services; permits onsite use of collection by technically and professionally trained personnel.

MEAT LABORATORY

0016 Eastern Marketing and Nutrition Research Division
Agricultural Research Service
Agricultural Research Center
Beltsville, Md. 20795
Tel: (301) 474-4800 Ext. 394

AREAS OF INTEREST: Food poisoning microbiology; safety of meat and meat products.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

Entomology Research Division

0017 Agricultural Research Service, USDA
Beltsville, Md. 20705
Tel: (301) 474-6500 Ext. 300

AREAS OF INTEREST: Research on the biology and methods of control of insects and related arthropods that affect man, animals, and growing crops (except forest trees and stored products); development of information on description, enumeration, classification, and geographical distribution of insects and mites; investigation of insect parasites, predators and diseases for control of insect pests and use of phytophagous insects as a means of controlling noxious weeds; development of new insecticides, repellents, and attractants; evaluation of new insecticide compounds and formulations and determination of amount of chemical residue in plant and animal products and in soil; research on biology, ecology, genetics, and management of honey bees for honey production and plant pollination; bee disease biology, ecology, and utilization of wild bees for plant pollination.

PUBLICATIONS: Research results are made available chiefly through publications of the USDA series as well as through outside scientific journals.

INFORMATION SERVICES: Answers inquiries; provides limited identification of insects.

Human Nutrition Research Division

0018 Agricultural Research Service
Agricultural Research Center
Beltsville, Md. 20705
Tel: (301) 474-4800

AREAS OF INTEREST: Human metabolism and requirements for nutrients; functions and metabolism

HOLDINGS: Books, journals, technical reports.
INFORMATION SERVICES: Answers inquiries (those that can be answered with prepared materials are referred to the Service's Information Division).

Information Division

0019 Agricultural Research Service
East-West Highway and Belcrest Rd.
Hyattsville, Md. 20782
Tel: (202) 388-8305

AREAS OF INTEREST: Agricultural research.

PUBLICATIONS: Books, pamphlets, leaflets, information bulletins.

INFORMATION SERVICES: Answers inquiries; makes referrals.

Market Quality Research Division

0020 Agricultural Research Service
Federal Center Bldg.
East-West Highway and Bellcrest Rd.
Hyattsville, Md. 20782
Tel: (301) 388-8695

AREAS OF INTEREST: Quality characteristics for grading and inspecting agricultural commodities, including horticultural crops, field crops, and animal products; protection of agricultural commodities from deterioration and damage from insects, diseases, and other hazards.

INFORMATION SERVICES: Answers inquiries; provides consulting and advisory services. Requests for information may be directed to Division headquarters or to any of the Division's branch offices listed below.

FIELD CROPS AND ANIMAL PRODUCTS RESEARCH BRANCH (CLEMSON, S.C.)

0021 Agricultural Research Service
Market Quality Research Division
Clemson University
P.O. Box 792
Clemson, S.C. 29631
Tel: (803) 654-2938

AREAS OF INTEREST: Physical and chemical research necessary to develop methods, techniques, instruments, and apparatus for rapid representative sampling and accurate objective measures of quality factors in cotton and cotton products which will be applicable for use in standardization and grading to

periodicals, and reports.

PUBLICATIONS: Prepares manuscripts for Departmental and outside publications.

INFORMATION SERVICES: Answers inquiries.

FIELD CROPS AND ANIMAL PRODUCTS RESEARCH BRANCH (COLLEGE STATION, TEX.)

0022 Agricultural Research Service
P.O. Box ED
College Station, Tex. 77840
Tel: (713) 846-3070

AREAS OF INTEREST: Quality characteristics for grading and inspecting field crops, including rice, peanuts, hay, and seed; protection of these commodities from deterioration and damage from insects, diseases, and other hazards; mycotoxins in rice, peanuts, and related commodities.

HOLDINGS: Small reference collection of books, periodicals, and reports.

PUBLICATIONS: Prepares manuscripts for Departmental and outside publications.

INFORMATION SERVICES: Answers inquiries.

FIELD CROPS AND ANIMAL PRODUCTS RESEARCH BRANCH (DAWSON, GA.)

Peanut Quality Investigations

0023 Agricultural Research Service
P.O. Box 637
Dawson, Ga. 31742
Tel: (912) 995-4441

AREAS OF INTEREST: Quality characteristics for grading and inspecting peanuts; flavor and texture of peanuts and peanut products; mycotoxin in peanuts; biochemical characterization of fungal metabolites; mechanisms of fungal deterioration affecting quality of peanuts; analytical methods, including chromatography, spectrophotometry, colorimetry, and fluorometry.

HOLDINGS: Small reference collection of books, periodicals, and reports.

PUBLICATIONS: Prepares manuscripts for Departmental and outside publications.

INFORMATION SERVICES: Answers inquiries.

0024

**FIELD CROPS AND ANIMAL PRODUCTS
RESEARCH BRANCH (RALEIGH, N.C.)**

0024 Agricultural Research Service
North Carolina State University
Raleigh, N.C. 27607
Tel: (919) 755-3101

AREAS OF INTEREST: Quality characteristics for grading and inspecting field crops and animal products; protection of these commodities from deterioration and damage from insects, diseases, and other hazards; mycotoxins in peanuts, grain, and tobacco.

HOLDINGS: Small reference collection of books, periodicals, and reports.

PUBLICATIONS: Prepares manuscripts for Departmental and outside publications.

INFORMATION SERVICES: Answers inquiries.

**HORTICULTURAL CROPS BRANCH
(CHICAGO, ILL.)**

0025 Agricultural Research Service
536 South Clark St., Room 111
Chicago, Ill. 60605
Tel: (312) 353-6678

AREAS OF INTEREST: Laboratory studies of diseases of fresh fruits and vegetables arriving on the Chicago market, including extent, nature, causes, and control; evaluation of transported test shipments of fruits and vegetables.

HOLDINGS: Small reference collection of books, periodicals, reports, color slides, and black-and-white photos.

PUBLICATIONS: Abstracts, reports, technical research papers.

INFORMATION SERVICES: Answers inquiries; provides diagnostic service of market defects for Federal and private fruit and vegetable inspection agencies; conducts classes for Federal fresh fruit and vegetable inspectors.

**HORTICULTURAL CROPS BRANCH
(EAST GRAND FORKS, MINN.)**

0026 Agricultural Research Service
Red River Valley Potato Research Center
East Grand Forks, Minn. 56921
Tel: (218) 773-1175

AREAS OF INTEREST: Quality characteristics for grading and inspecting horticultural crops, particularly potatoes; protection of horticultural crops from deterioration and damage from insects, diseases, and other hazards.

AGRICULTURE, DEPARTMENT OF

INFORMATION SERVICES: Answers inquiries; provides consulting services and assistance in obtaining Departmental publications; makes referrals.

**HORTICULTURAL CROPS BRANCH
(FRESNO, CALIF.)**

0027 Agricultural Research Service
2021 South Peach Ave.
Fresno, Calif. 93727
Tel: (209) 251-6084

AREAS OF INTEREST: Plant pathological, plant physiological, and horticultural research on quality, deterioration, and spoilage in horticultural crops during handling, transportation, and storage; research on control of postharvest diseases and deterioration of fruits, vegetables, cut flowers, and nursery stock, including use of refrigeration, controlled atmospheres, fungicides, fumigants, disinfectants, and heat pasteurization.

HOLDINGS: 10,000 books, scientific journals, reprints of research reports, and periodicals; Kodachrome slide collection.

PUBLICATIONS: USDA marketing research reports, handbooks, bulletins, ARS series reports, contributions to professional journals, annual report.

INFORMATION SERVICES: Answers inquiries; provides printed reports of research; participates in technical and extension-type meetings.

**HORTICULTURAL CROPS BRANCH
(MIAMI, FLA.)**

0028 Agricultural Research Service
13601 Cutler Rd.
Miami, Fla. 33158
Tel: (305) 235-0321

AREAS OF INTEREST: Quality characteristics for grading and inspecting horticultural crops; protection of horticultural crops from deterioration and damage from insects, diseases, and other hazards.

INFORMATION SERVICES: Answers inquiries; provides consulting services and assistance in obtaining Departmental publications; makes referrals.

**HORTICULTURAL CROPS BRANCH
(ORLANDO, FLA.)**

**Southeastern Citrus and Vegetable
Investigations**

0029 Agricultural Research Service
2120 Camden Rd.
Orlando, Fla. 32803
Tel: (305) 241-6791

AGRICULTURE, DEPARTMENT OF

AREAS OF INTEREST: Postharvest physiology of citrus fruits during storage, transit, and marketing; decay control of fruits and vegetables; fungicidal and wax coatings; measurement of maturity; controlled-atmosphere storage.

HOLDINGS: 1,000 reports; books, periodicals.

PUBLICATIONS: Abstracts, reports, bulletins.

INFORMATION SERVICES: Answers inquiries; makes referrals.

HORTICULTURAL CROPS BRANCH (POMONA, CALIF.)

0030 Agricultural Research Service
440 South Thomas St.
Pomona, Calif. 91769
Tel: (714) 622-5061

AREAS OF INTEREST: Postharvest storage of citrus fruits, including controlled-atmosphere storage and the use of fungicides, disinfectants, and fumigants; transport and packaging of citrus fruits; decay control; respiration.

HOLDINGS: Small reference collection of books, periodicals, reports, and 2x2-inch slides.

PUBLICATIONS: Abstracts, reports.

INFORMATION SERVICES: Answers mail and telephone inquiries; makes referrals.

HORTICULTURAL CROPS BRANCH (PRESQUE ISLE, MAINE)

0031 Agricultural Research Service
Maine Potato Handling Research Center
Presque Isle, Maine 04769
Tel: (207) 762-8281

AREAS OF INTEREST: Quality characteristics for grading and inspecting horticultural crops, particularly potatoes; protection of horticultural crops from deterioration and damage from insects, diseases, and other hazards.

INFORMATION SERVICES: Answers inquiries; provides consulting services and assistance in obtaining Departmental publications; makes referrals.

HORTICULTURAL CROPS BRANCH (RALEIGH, N.C.)

0032 Agricultural Research Service
North Carolina State University
Horticultural Science Department
Kilgore Hall, Room 114
Raleigh, N.C. 27607
Tel: (919) 755-3132

0035

AREAS OF INTEREST: Quality characteristics for grading and inspecting horticultural crops; protection of horticultural crops from deterioration and damage from insects, diseases, and other hazards.

INFORMATION SERVICES: Answers inquiries; provides consulting services and assistance in obtaining Departmental publications; makes referrals.

HORTICULTURAL CROPS BRANCH (WENATCHEE, WASH.)

0033 Agricultural Research Service
Yakima and Mission Sts.
Wenatchee, Wash. 98801
Tel: (509) 663-8317

AREAS OF INTEREST: Study of factors influencing fruit quality; methods of objective measurement of fruit quality; protection of horticultural crops from deterioration and damage from diseases and other hazards, including the use of fungicides to control postharvest rots, disinfectants for cleaning packinghouse equipment, antioxidants to control scald, and wax and wax-like coatings for fruits.

HOLDINGS: Small reference collection of books, periodicals, and reports.

PUBLICATIONS: Abstracts, reports.

INFORMATION SERVICES: Answers inquiries.

HORTICULTURAL CROPS BRANCH (WESLACO, TEX.)

0034 Agricultural Research Service
P.O. Box 267
Weslaco, Tex. 78596

Location:

Highway 83 East
Weslaco, Tex.

Tel: (512) 968-5533 Ext. 34

AREAS OF INTEREST: Quality characteristics for grading and inspecting horticultural crops; protection of horticultural crops from deterioration and damage from insects, diseases, and other hazards.

INFORMATION SERVICES: Answers inquiries; provides consulting services and assistance in obtaining Departmental publications; makes referrals.

MARKET PATHOLOGY LABORATORY

0035 Agricultural Research Service
Belle Mead, N.J. 08502
Tel: (201) 358-8248

0036

AREAS OF INTEREST: Postharvest treatments of fresh fruits and vegetables in commercial channels for preservation of quality, including the use of fungicides, disinfectants, fumigants, and sprout inhibitors; storage, transportation, decay control, packaging, and quality evaluation of fresh fruits and vegetables.

HOLDINGS: Small reference collection of books, periodicals, and reports.

PUBLICATIONS: *Phytopathology*; *Plant Disease Reporter*; *Marketing Research Reports*; *Market Disease Bulletins*.

INFORMATION SERVICES: Answers inquiries regarding maintenance of quality of fresh fruits and vegetables.

**STORED-PRODUCT INSECTS
RESEARCH BRANCH (BEAUMONT, TEX.)**

0036 Agricultural Research Service
Route 5, Box 366
Beaumont, Tex. 77706
Tel: (713) 752-5221

AREAS OF INTEREST: Research on control of stored-product insects.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

**STORED-PRODUCT INSECTS
RESEARCH BRANCH (FRESNO, CALIF.)**

0037 Agricultural Research Service
5578 Air Terminal Dr.
Fresno, Calif. 93727
Tel: (209) 291-6671

AREAS OF INTEREST: Control of insects that attack dried fruits, stored tree nuts, and other stored products; use of fumigants and protectants; pesticidal residues related to fumigants and protectants for dried fruits and stored tree nuts; insect-resistant packages; insect pathology (use of pathogens for insect control); effect of pesticides on insects; biology, ecology, and behavior studies.

HOLDINGS: 165 books; 50 periodicals; 400 reports.

PUBLICATIONS: Articles for scientific journals and trade magazines.

INFORMATION SERVICES: Answers inquiries.

**STORED-PRODUCT INSECTS
RESEARCH BRANCH (MADISON, WIS.)**

0038 Agricultural Research Service
University of Wisconsin
Department of Entomology

AGRICULTURE, DEPARTMENT OF

Madison, Wis. 53706
Tel: (608) 262-3795

AREAS OF INTEREST: Research on control of stored-product insects, including insect sex attractants and pheromones and insect behavior and reproductive biology.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

**STORED-PRODUCT INSECTS
RESEARCH BRANCH (MANHATTAN,
KANS.)**

Midwest Grain Insect Investigation

0039 U.S. Grain Marketing Research Center
1515 College Ave.
Manhattan, Kans. 66502
Tel: (913) 539-9141 Ext. 211

AREAS OF INTEREST: Development and improvement of chemical, physical, and biological methods for preventing and controlling insect infestations in stored grain and cereal products and in facilities in which grain and grain products are handled, stored, processed, packaged, and transported; evaluation of pesticidal residues resulting from both fumigation and protective treatments over various periods of time.

HOLDINGS: Small reference collection of books, periodicals, and reports.

PUBLICATIONS: Articles for scientific journals and trade magazines.

INFORMATION SERVICES: Answers inquiries; provides information on stored grain insect control to farmers, industry, universities, extension personnel, Commodity Credit Corporation, and others; provides speakers and information at grain grading schools and conferences and at other technological schools and meetings; assists in fumigation safety conferences.

**STORED-PRODUCT INSECTS
RESEARCH BRANCH (RICHMOND, VA.)**

0040 Agricultural Research Service
400 North 8th St.
Richmond, Va. 23240
Tel: (703) 782-2551

AREAS OF INTEREST: Research on control of stored-product insects.

INFORMATION SERVICES: Answers inquiries; provides consulting services and assistance in obtaining governmental publications; makes referrals.

**STORED-PRODUCT INSECTS
RESEARCH BRANCH (SAVANNAH, GA.)**

0041 Agricultural Research Service
P.O. Box 5125
Savannah, Ga. 31403
Tel: (912) 233-7981

AREAS OF INTEREST: Biological, biophysical, environmental, and radiation research relating to stored-product insects; research on control of stored-product insects by physical methods and use of insecticides; pesticide residue analysis; mothproofing; insect-resistant packaging.

HOLDINGS: 1,000 books; periodicals, reports.

PUBLICATIONS: Articles for scientific journals and trade magazines.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

**STORED-PRODUCT INSECTS
RESEARCH BRANCH (TIFTON, GA.)**

**Peanut and Southern Corn Insects
Investigations**

0042 Agricultural Research Service
Coastal Plain Experiment Station
Tifton, Ga. 31794
Tel: (912) 382-6530

AREAS OF INTEREST: Research on control of stored-product insects.

INFORMATION SERVICES: Answers inquiries; provides consulting services and assistance in obtaining Departmental publications; makes referrals.

National Arboretum

0043 Washington, D.C. 20002

Location:

24th and R Sts. NE.
Washington, D.C.
Tel: (202) 399-5400

AREAS OF INTEREST: Cultivated plants, exclusive of farm fruits and field crops (discovery, introduction, classification, improvement, function, culture, use).

HOLDINGS: 415 acres of labeled native and exotic woody plants, with special areas devoted to research collections, landscaped plantings, and taxonomic groupings; an herbarium of 400,000 specimens of native and cultivated plants; 4 working (not shown) greenhouses; a 6,000 volume reference library; plant and project records; slides, maps.

PUBLICATIONS: Pamphlets, news releases, technical announcements, contribution series.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; sponsors lecture series; permits onsite use of library collection. The living plant collections are open to the public daily, including weekends.

**Northern Marketing and Nutrition
Research Division**

0044 Agricultural Research Service, USDA
1815 North University St.
Peoria, Ill. 61604
Tel: (309) 685-4011

AREAS OF INTEREST: Chemical, microbiological, and engineering research and development on food and industrial uses of corn, wheat, grain sorghum, other cereal grains, soybeans, flaxseed, erucic acid-containing oilseed crops, and new crops.

HOLDINGS: 30,000 books; 700 periodical titles.

INFORMATION SERVICES: Answers inquiries; provides reference services; makes interlibrary loans; permits onsite use of collection by technically and professionally trained personnel.

Facilities include a microfilm reader-printer and Xerox machine.

Plant Protection Division

LOUISIANA OFFICE

0045 Plant Protection Division
Agricultural Research Service, USDA
P.O. Box 3255
Baton Rouge, La. 70821

Location:

New Federal Bldg., Room 314
750 Florida Blvd.
Baton Rouge, La.
Tel: (504) 348-0181 Ext. 213

AREAS OF INTEREST: Domestic plant quarantines enforcement in Louisiana; regulated products; regulated areas; approved treatments; certification requirements.

INFORMATION SERVICES: Answers inquiries.

Plant Science Research Division

0046 Agricultural Research Service, USDA
Beltsville, Md. 20705
Tel: (301) 474-6500 Ext. 367

0047

AREAS OF INTEREST: Crop production and crop protection research involving cereals, cotton, cordage fibers, forage, fruit, nut, oilseed, industrial, tobacco, sugar, vegetable, and ornamentals crops; basic and applied research on the control of plant diseases, nematodes, and weeds; research on herbicides, fungicides, nematocides, defoliants, desiccants, and plant growth regulators.

HOLDINGS: 200 cultures of *Rhizobium japonicum* and 800 cultures of other *Rhizobium* spp.; 1,000 periodical titles; 1,000 reports.

PUBLICATIONS: Periodicals, abstracts, directories, bibliographies, reports, specifications.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services.

**ARID PASTURE AND RANGE
INVESTIGATIONS UNIT (FORT COLLINS,
COLO.)**

0047 Agricultural Research Service, USDA
Crops Research Laboratory
Colorado State University
Fort Collins, Colo. 80521
Tel: (303) 484-8777

AREAS OF INTEREST: Ecology and physiology of native vegetation under arid and semiarid conditions; range livestock management.

HOLDINGS: Small collection of reports.

PUBLICATIONS: Technical reports.

INFORMATION SERVICES: Provides consulting services.

**ARID PASTURE AND RANGE
INVESTIGATIONS UNIT (LAS CRUCES,
N. MEX.)**

Jornada Experimental Range

0048 Agricultural Research Service, USDA
New Mexico State University
Agriculture Bldg., Room 127
Las Cruces, N. Mex. 88001
Tel: (505) 646-1709

AREAS OF INTEREST: Arid rangelands research; grazing management; seeding arid ranges; microclimate of arid range sites; eco-physiology of arid range plants; control of mesquite, tarbush, and creosotebush; range ecology; soil-plant-animal-weather relations.

HOLDINGS: Small collection of reports and reprints.

PUBLICATIONS: Reports.

AGRICULTURE, DEPARTMENT OF

INFORMATION SERVICES: Answers inquiries; provides consulting services.

The Jornada Experimental Range is located 25 miles north of Las Cruces.

**ARID PASTURE AND RANGE
INVESTIGATIONS UNIT (LOGAN, UTAH)**

0049 c/o Dr. Wesley Keller
Agricultural Research Service, USDA
Crops Research Laboratory
Utah State University
Logan, Utah 84321
Tel: (801) 752-4100 Ext. 7406

AREAS OF INTEREST: Improvement and management of arid and semiarid grazing lands, flood meadows, and irrigated pastures.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Scientific journal articles.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

**ARID PASTURE AND RANGE
INVESTIGATIONS UNIT (MANDAN, N.
DAK.)**

0050 Agricultural Research Service, USDA
c/o Northern Great Plains Research Center
P.O. Box 459
Mandan, N. Dak. 58554
Tel: (701) 663-6448

AREAS OF INTEREST: Range and pasture management and grasses for the Northern Great Plains of the United States.

HOLDINGS: Small collection of reports.

PUBLICATIONS: Reprints from scientific journals and USDA publications; reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

**CROPS PROTECTION RESEARCH
BRANCH**

0051 Agricultural Research Service, USDA
2000 East Allen Rd.
Tucson, Ariz. 85719
Tel: (602) 795-3222

AREAS OF INTEREST: Absorption and translocation of plant growth regulators and herbicides, including leaf and cuticle structure as studied by fluorescence microscopy and electron microscopy; influence of herbicides on honey bees; control of weeds and brush on grazing lands.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Books, reports.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; makes referrals.

NATIONAL SEED STORAGE LABORATORY

0052 Crops Research Division
Agricultural Research Service, USDA
Fort Collins, Colo. 80521
Tel: (303) 484-0402

AREAS OF INTEREST: Seed longevity; germ plasm sources; seed storage equipment; viability decline; seed germination requirements; protective packaging materials.

HOLDINGS: Approximately 85,000 lines of seed germ plasm.

PUBLICATIONS: Periodic lists of materials stored; bibliographies, reports.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; provides seed stocks not existent elsewhere. Services are primarily for scientists involved in agricultural and horticultural crop breeding.

NEMATOLOGY RESEARCH LABORATORY

0053 Life Sciences Bldg.
Louisiana State University
Baton Rouge, La. 70803
Tel: (504) 388-1464 Ext. 40

AREAS OF INTEREST: Nematode diseases of plants.

HOLDINGS: Small collection of books and reports.

PUBLICATIONS: Reports, bulletins.

INFORMATION SERVICES: Answers inquiries; provides consulting services; identifies plant parasitic nematodes; makes referrals; permits onsite use of literature collection.

NEW CROPS RESEARCH BRANCH

Plant Introduction Investigations

0054 USDA Plant Industry Station
Beltsville, Md. 20705
Tel: (301) 474-6500 Ext. 2269

AREAS OF INTEREST: Seeds and plants introduced to the United States for researchers in Federal, State, commercial, and private facilities; procedures for introducing plant material through proper quarantine

and sanitation regulations; plant and seed exchange with research agencies in foreign countries.

HOLDINGS: Plant inventories prepared since 1898 (total of 176).

PUBLICATIONS: Plant inventories (historical records and descriptions of plants introduced).

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals.

Soil and Water Conservation Research Division

SOUTHWESTERN GREAT PLAINS RESEARCH CENTER

0055 Agricultural Research Service, USDA
Bushland, Tex. 79012
Tel: (806) 376-5151 Ext. 7821

AREAS OF INTEREST: Soil and water conservation; weed control; entomological studies; fertilizer research; crop improvement; crop production economics.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Research papers, annual report.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals.

Southeastern Marketing and Nutrition Research Division

RICHARD B. RUSSELL AGRICULTURAL RESEARCH CENTER

0056 Southeastern Marketing and Nutrition
Research Division
Agricultural Research Service, USDA
P.O. Box 5677
Athens, Ga. 30604
Tel: (404) 546-3311

AREAS OF INTEREST: Research on production, utilization, and marketing of agricultural commodities and products, including fruits, vegetables, tree nuts, forage and other feed products, oilseeds, poultry, and livestock products.

PUBLICATIONS: Research reports, abstracts.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services.

Southern Marketing and Nutrition Research Division

0057

0057 Agricultural Research Service
P.O. Box 19687
New Orleans, La. 70119

Location:

1100 Robert E. Lee Blvd.
New Orleans, La.
Tel: (504) 527-7544

AREAS OF INTEREST: Utilization research on cotton, cottonseed, peanuts, rice, pine gum, citrus fruits, sweet potatoes, cucumbers, and other Southern-grown vegetables.

HOLDINGS: Books, journals, reports, patents.

PUBLICATIONS: *List of Publications and Patents with Abstracts* (semiannual, available free on request); occasional bibliographies.

INFORMATION SERVICES: Answers inquiries; provides consulting services; provides reprints of technical papers reporting the Division's research findings; makes interlibrary loans; permits onsite use of collection by technically and professionally trained personnel.

Veterinary Sciences Research Division

ECTOPARASITE RESEARCH LABORATORY

0058 Agricultural Research Service, USDA
P.O. Box 705
Albuquerque, N. Mex. 87103
Tel: (505) 877-2042

AREAS OF INTEREST: Arthropod parasites of livestock, particularly mites, ticks, lice, and native warble or botflies of the family Oestridae (incidence, distribution, pathogenicity, control).

HOLDINGS: Substantial collection of journal reprints relating to arthropod parasites of veterinary importance; small collection of books and periodicals.

PUBLICATIONS: Journal papers; contributions to USDA books and bulletins.

INFORMATION SERVICES: Answers inquiries; provides consulting services occasionally.

NATIONAL ANIMAL DISEASE LABORATORY

0059 Veterinary Sciences Research Division
Agricultural Research Service, USDA
P.O. Box 70
Ames, Iowa 50011
Tel: (515) 232-0250

AGRICULTURE, DEPARTMENT OF

AREAS OF INTEREST: Veterinary sciences and related biochemistry, microbiology, and toxicology; livestock diseases occurring in the U.S.; livestock vaccines and biological products (production standards, quality control, contamination, deterioration); diagnostic reagents.

HOLDINGS: A literature collection of 10,000 books, 450 periodical titles, and reports, including foreign language materials; a repository collection of diagnostic reagents.

PUBLICATIONS: Scientific papers, technical publications, reports.

INFORMATION SERVICES: Answers inquiries; makes interlibrary loans; permits onsite reference by technically and professionally trained personnel. The Laboratory grows and distributes to manufacturers "challenge" cultures of microorganisms that are used for quality control in the preparation of veterinary biological products. It distributes reference strains of microorganisms to research institutes, universities, and international organizations (WHO and FAO), and diagnostic reagents to State diagnostic laboratories.

NATIONAL ANIMAL PARASITE LABORATORY

0060 Veterinary Sciences Research Division
Agricultural Research Service
Agricultural Research Center
Beltsville, Md. 20705
Tel: (301) 474-4800 Ext. 368

AREAS OF INTEREST: External and internal parasites of livestock (identity, structure, geographic distribution, life cycles, modes of transmission, injurious effects); defense mechanisms against parasites; treatment of infected animals; management practices to prevent spread of parasites.

HOLDINGS: "Index-Catalogue of Medical and Veterinary Zoology," maintained since 1891, and containing more than 2 million entries from over 22,000 publications, indexed by author, parasite-subject host, and anthelmintics. The Laboratory also maintains the national depository for documented specimens of parasites, which includes more than 65,000 lots of specimens from man, domestic animals, and wild animals, as well as type specimens. About 800 specimen-lots are added annually.

PUBLICATIONS: *Index-Catalogue of Medical and Veterinary Zoology*. Research findings are published in the form of scientific papers, brochures, pamphlets, and bulletins.

specimens from the parasite collection to research workers, who may also visit the Laboratory to study the specimens and consult the Index-Catalogue.

PLUM ISLAND ANIMAL DISEASE LABORATORY

- 0061** Veterinary Sciences Research Division
Agricultural Research Service, USDA
P.O. Box 848
Greenport, Long Island, N.Y. 11944
Tel: (516) 323-2500

AREAS OF INTEREST: Contagious foreign animal diseases, including foot-and-mouth disease, rinderpest, Teschen disease, African swine fever, fowl plague, contagious bovine pleuropneumonia, sheep pox, Nairobi sheep disease, African horsesickness, Rift Valley fever, louping ill, East Coast fever, and Venezuelan equine encephalomyelitis.

HOLDINGS: 8,000 books; 350 periodical titles; reports. Collection includes some foreign language materials.

PUBLICATIONS: Scientific papers, technical publications, and bibliographies, including the *Monthly Bibliography on Exotic Animal Diseases*.

INFORMATION SERVICES: Answers inquiries. The Laboratory's "agent safety policy" restricts library use to laboratory personnel; however, referrals are made to other libraries.

POISONOUS PLANTS RESEARCH LABORATORY

- 0062** Agricultural Research Service, USDA
1150 East 14th North
Logan, Utah 84321
Tel: (801) 752-2943

AREAS OF INTEREST: Effects of poisonous plants on livestock; isolation of toxic agents from plants and determination of their mechanisms of action in the animal's body; effects of livestock ingestion of herbicidal treated plants.

HOLDINGS: 2,000 reprints of published scientific articles; 150 periodical titles; technical reports, slides, films, poisonous plant specimens.

PUBLICATIONS: Articles and abstracts in scientific journals, popular articles in farm and livestock journals, annual report.

INFORMATION SERVICES: Answers inquiries; provides consulting services to veterinarians, livestockmen, and students.

LABORATORY

- 0063** Agricultural Research Service
934 College Station Rd.
Athens, Ga. 30601
Tel: (404) 546-3434

AREAS OF INTEREST: Poultry diseases (characterization, definition, detection, prevention); genetic and physiologic bases of poultry disease control; mycoplasma infections; avian influenza; infectious bronchitis; Newcastle disease; salmonellosis; influence on poultry disease development of environmental factors (temperature, humidity, radiant heat, air movement, dust, ammonia and carbon dioxide concentrations, air ionization, ultraviolet light, other electromagnetic phenomena).

HOLDINGS: Collection of books, periodicals, and reports.

PUBLICATIONS: Reports. A publications list is available.

INFORMATION SERVICES: Answers inquiries; distributes reprints of published research to research workers. No diagnostic services are provided, but nonrestricted areas of the laboratory are open to visitors.

TOXICOLOGICAL RESEARCH LABORATORY

- 0064** Veterinary Sciences Research Division
Agricultural Research Service, USDA
P.O. Box 311
Kerrville, Tex. 78028
Tel: (512) 257-3566

AREAS OF INTEREST: Plant and animal insecticides, herbicides, fungicides, chemosterilants, nematocides, repellants, etc.; toxicological and pathological (gross and histo-) effects on farm animals and poultry; residues, metabolites, synergism, potentiation, diagnostics, therapeutics, and air/water pollution; chromatography, colorimetry, spectrometry (including liquid scintillation), biomedical telemetry, and *in vivo* and *in vitro* procedures.

HOLDINGS: 600 books; 100 periodical titles; 600 reports.

PUBLICATIONS: Books, reports, periodicals, data.

INFORMATION SERVICES: Answers inquiries; provides consulting services to veterinary, medical, chemical, and other professional personnel; provides oral presentations on veterinary toxicology.

The Laboratory has complete facilities for applied in-house and cooperative research with other field station and governmental agencies.

0065

Western Marketing and Nutrition Research Division

0065 Agricultural Research Service
800 Buchanan St.
Albany, Calif. 94710
Tel: (415) 525-2244

AREAS OF INTEREST: Basic and applied research on food, feed, and fibers, including the following commodities: Western fruits (citrus and other subtropical and tropical fruits); tree nuts; vegetables; poultry products; forage crops; wheat; rice; barley; wool and mohair; dry beans and peas; castor, safflower, and western oilseeds. Project interests include product and process development and improvement to promote greater uses of farm crops, enhance rural area development, promote foreign trade, reduce hunger at home and abroad, reduce pollution of air, water, and soil, and improve quality and safety of consumer products.

HOLDINGS: Books, technical reports, reprints of articles that have appeared in scientific and technical journals.

PUBLICATIONS: *List of Publications and Patents with Abstracts* (semiannual, available free on request); directories, bibliographies, reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes interlibrary loans; permits onsite use of collection by technically and professionally trained personnel.

Consumer and Marketing Service

0066 U.S. Department of Agriculture
14th St. and Independence Ave. SW.
Washington, D.C. 20250
Tel: (202) 388-6766

AREAS OF INTEREST: Inspection for wholesomeness and truthful labeling of meat, poultry, and egg products; food distribution and marketing; market news; standardization and voluntary inspection and grading for quality of grain, cotton, fruits, tobacco, dairy products, vegetables, seeds, meat, poultry, and eggs; marketing regulation; marketing agreements and orders; purchase of surplus commodities; "plentiful foods" (information) program; transportation of farm commodities; emergency preparedness; plant variety protection.

PUBLICATIONS: *Agricultural Marketing* (bimonthly); market news reports (daily, weekly, monthly); leaflets and bulletins describing programs of the agency; program operations data, such as volume and price of milk handled under milk marketing or-

AGRICULTURE, DEPARTMENT OF

ders; consumer education and information materials (how-to-buy foods, care-tips for meat and poultry, "plentiful foods" merchandising suggestions); directories and listing of publications and services, such as *This is USDA's Consumer and Marketing Service*.

INFORMATION SERVICES: Data and reports pertaining to the agency's programs are made available to researchers.

Laboratory Services Division

0067 Laboratory Services Division
Consumer and Marketing Service
U.S. Department of Agriculture
Washington, D.C. 20250

Location:

300 12th St. SW.

Washington, D.C.

Tel: (202) 388-7623

AREAS OF INTEREST: Microbiology of meat and poultry; control of environmental microbiological contamination; immunology; pathology; chemistry of meat and meat food products; organic and inorganic chemical additives to meat; biological residues in meat, including physiological effects of drugs and pesticides on animals, metabolism, potentiation, carcinogens, clinical toxicology, and toxicity of drugs, pesticides, and hormones; methods of analyzing meat for components and biological residues.

HOLDINGS: 400 books; technical reports.

PUBLICATIONS: *List of Chemical Compounds* (biannual); *Synthetic Plastic Components*.

INFORMATION SERVICES: Answers inquiries; provides consulting services to State and local food enforcement agencies.

Cooperative State Research Service

0068 U.S. Department of Agriculture
14th St. and Independence Ave. SW.
Washington, D.C. 20250
Tel: (202) 388-6827

The Cooperative State Research Service coordinates agricultural and forestry research conducted by State agricultural experiment stations and schools of forestry with similar research in the U.S. Department of Agriculture. It assists State station directors, deans of several schools of forestry, and workers in identifying major problem areas and provides professional review of scientific programs under way. For general information and State publication inquiries should contact the agricultural experiment station or school of forestry in their States.

plant, animal, food, social, forest resources, and environmental pollution.

HOLDINGS: 4,000 books; 80 periodical titles; 900 reports.

PUBLICATIONS: Statistical reports, handbooks, newsletters.

INFORMATION SERVICES: Answers inquiries; provides reference and advisory services. Services are available to agricultural researchers and are provided free.

Current Research Information System (CRIS)

0069 Cooperative State Research Service
U.S. Department of Agriculture
South Agriculture Bldg., Room 6818
14th St. and Independence Ave. SW.
Washington, D.C. 20250
Tel: (202) 388-7273

A computer-based information storage and retrieval system, CRIS is designed to improve communications among agricultural research scientists, especially with regard to research work currently under way, and to provide research managers with up-to-date and coordinated information on the total research programs of USDA and the State Agricultural Experiment Stations.

AREAS OF INTEREST: Current agricultural research activities of the U.S. Department of Agriculture (USDA), the State Agricultural Experiment Stations, and other cooperating institutions.

HOLDINGS: About 24,000 Research Work Unit (project) descriptions, spanning the total research effort sponsored by six USDA agencies (Agricultural Research Service, Forest Service, Economic Research Service, Cooperative State Research Service, Farmer Cooperative Service, and Statistical Reporting Service), 53 State Agricultural Experiment Stations, 16 former Negro Land-Grant Institutions, and nine Forestry Schools. Information stored on magnetic tape includes a brief description of the Research Work Unit including title, objectives, plan of work, current progress, the more important publications, name of principal investigator, performing institution and cooperators, amount of money allocated and sources of funds, and manpower allocations by types (scientists, professional support, and other personnel).

PUBLICATIONS: Primarily computer printouts for internal use.

INFORMATION SERVICES: Answers inquiries regarding research projects or refers inquirers to persons performing the research.

Division of Information and Education

0070 Forest Service, USDA
12th St. and Independence Ave. SW.
Washington, D.C. 20250
Tel: (202) 388-6957 or 388-3957

AREAS OF INTEREST: Forestry and related agricultural, economic, and biological subject fields; timber harvesting; forest disease and insect pest control; foreign forest resources; forest genetics, physiology, dendrology, and economics; forest product utilization and marketing; forest surveys; forest soil and water; civil engineering; surveying; mapping; forest fire prevention and control; fire control equipment and aviation; land acquisition, use, and classification; management of watersheds, range, timber, and wildlife; forest recreation; flood prevention; hydrology; range and wildlife habitats; log and tree grades; naval stores.

HOLDINGS: Books, reports, bulletins, reprints, photos, picture stories, slide talks, motion pictures.

PUBLICATIONS: Technical and popular reports, pamphlets, handbooks, information bulletins, and bibliographies, including: *Report of the Chief, Forest Service* (annual); *Framework for the Future--Forest Service Objectives and Policy Guides*; *National Forest Management in a Quality Environment*; *What the Forest Service Does*; *A Guide to Public Involvement in Decision Making*; *List of Forest Service Publications by Subject* (FS-50); and *List of Forest Service Publications by Title, Series and Author* (FS-51).

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting, reference, and document services; prepares publications, special articles, and press releases.

Forest Experiment Stations

INSTITUTE OF TROPICAL FORESTRY

0071 U.S. Forest Service
P.O. Box 577
Rio Piedras, Puerto Rico 00926
Tel: (809) 767-3485

AREAS OF INTEREST: Forestry in Puerto Rico; forest products utilization; applied tropical forestry; timber management.

HOLDINGS: Books, journals, reports, photos, motion pictures.

PUBLICATIONS: Technical and survey reports, handbooks, monographs, bibliographies, literature reviews, bulletins.

0072

INFORMATION SERVICES: Answers inquiries; provides consulting and document services; permits onsite use of collection.

INTERMOUNTAIN FOREST AND RANGE EXPERIMENT STATION

0072 U.S. Forest Service
507 25th St.
Ogden, Utah 84401
Tel: (801) 399-6011

AREAS OF INTEREST: Forestry; timber and watershed management; forest fires; forest insects, diseases, engineering, recreation, and economics; forest surveys; forest products utilization and marketing; wildlife habitats; range management.

HOLDINGS: Books, journals, reports, photos, motion pictures.

PUBLICATIONS: Technical and survey reports, handbooks, monographs, bibliographies, literature reviews, bulletins.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and document services; permits onsite use of literature collection.

NORTH CENTRAL FOREST EXPERIMENT STATION

0073 U.S. Forest Service
Folwell Ave.
St. Paul, Minn. 55101
Tel: (612) 645-0841

AREAS OF INTEREST: Forestry; timber and watershed management; forest fires; forest insects, diseases, engineering, recreation, and economics; forest surveys; forest products utilization and marketing; wildlife habitats; range management.

HOLDINGS: Books, journals, reports, photos, motion pictures.

PUBLICATIONS: Technical and survey reports, handbooks, monographs, bibliographies, literature reviews, bulletins.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and document services; permits onsite use of literature collection.

NORTHEASTERN FOREST EXPERIMENT STATION

0074 U.S. Forest Service
6816 Market St.
Upper Darby, Pa. 19082
Tel: (215) 352-5800

AGRICULTURE, DEPARTMENT OF

AREAS OF INTEREST: Forestry; timber and watershed management; forest insects, diseases, engineering recreation, and economics; forest surveys; forest products utilization and marketing; wildlife habitats.

HOLDINGS: Books, journals, reports, photos, motion pictures.

PUBLICATIONS: Technical and survey reports, handbooks, monographs, bibliographies, literature reviews, bulletins.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and document services; permits onsite use of literature collection.

PACIFIC NORTHWEST FOREST AND RANGE EXPERIMENT STATION

0075 U.S. Forest Service
P.O. Box 3141
Portland, Oreg. 97208

Location:

809 Northeast 6th Ave.

Portland, Oreg.

Tel: (503) 234-3361

AREAS OF INTEREST: Forestry; timber and watershed management; forest fires; forest insects, diseases, engineering, recreation, and economics; forest surveys; forest products utilization and marketing; wildlife habitats; range management.

HOLDINGS: Books, journals, reports, photos, motion pictures.

PUBLICATIONS: Technical and survey reports, handbooks, monographs, bibliographies, literature reviews, bulletins.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and document services; permits onsite use of literature collection.

PACIFIC SOUTHWEST FOREST AND RANGE EXPERIMENT STATION

0076 U.S. Forest Service
P.O. Box 245
Berkeley, Calif. 94701

Location:

1960 Addison St.

Berkeley, Calif.

Tel: (415) 841-5121

AREAS OF INTEREST: Forestry; timber and watershed management; forest fires; forest insects, diseases, engineering, recreation, and economics; forest products utilization and marketing; wildlife habitats; range management.

HOLDINGS: Books, journals, reports, photos, motion pictures.

PUBLICATIONS: Technical and survey reports, handbooks, monographs, bibliographies, literature reviews, bulletins.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and document services; permits onsite use of literature collection.

ROCKY MOUNTAIN FOREST AND RANGE EXPERIMENT STATION

0077 U.S. Forest Service
240 West Prospect St.
Fort Collins, Colo. 80521
Tel: (303) 482-7332

AREAS OF INTEREST: Forestry; timber and watershed management; forest fires; forest insects, diseases, and economics; forest products utilization and marketing; wildlife habitats; range management.

HOLDINGS: Books, journals, reports, photos, motion pictures.

PUBLICATIONS: Technical reports, handbooks, monographs, bibliographies, literature reviews, bulletins.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and document services; permits onsite use of literature collection.

SOUTHEASTERN FOREST EXPERIMENT STATION

0078 U.S. Forest Service
P.O. Box 2570
Asheville, N.C. 28802

Location:
Post Office Bldg.
Asheville, N.C.
Tel: (704) 254-0961

AREAS OF INTEREST: Forestry; timber and watershed management; forest fires; forest insects, diseases, and recreation; forest surveys; forest products utilization and marketing; wildlife habitats; range management.

HOLDINGS: Books, journals, reports, photos, motion pictures.

PUBLICATIONS: Technical and survey reports, handbooks, monographs, bibliographies, literature reviews, bulletins.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and document services; permits onsite use of literature collection.

SOUTHERN FOREST EXPERIMENT STATION

0079 U.S. Forest Service
Federal Bldg.
701 Loyola Ave.
New Orleans, La. 70113
Tel: (504) 527-6787

AREAS OF INTEREST: Forestry; timber and watershed management; forest fires; forest insects, diseases, engineering, and economics; forest surveys; forest products utilization; wildlife habitats; range management.

HOLDINGS: Books, journals, reports, photos, motion pictures.

PUBLICATIONS: Technical and survey reports, handbooks, monographs, bibliographies, literature reviews, bulletins.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and document services; permits onsite use of literature collection.

Forestry Research

DIVISION OF FOREST ENVIRONMENT RESEARCH

0080 Forest Service, USDA
Washington, D.C. 20250

Location:
Rosslyn Plaza East, Room 808-A
1621 North Kent St.
Arlington, Va.
Tel: (703) 557-0565

AREAS OF INTEREST: Forest environment research, including forest soil and water, forest recreation, range management, and wildlife habitat.

PUBLICATIONS: Technical reports, handbooks, monographs.

INFORMATION SERVICES: Answers inquiries or refers inquirers to the appropriate Forest Experiment Station.

DIVISION OF FOREST INSECT AND DISEASE RESEARCH

0081 Forest Service, USDA
Washington, D.C. 20250

Location:
Rosslyn Plaza East, Room 605-B1
1621 North Kent St.
Arlington, Va.

0082

Tel: (703) 557-0413

AREAS OF INTEREST: Forest insects; wood products insects; remote sensing related to forest insects; biology, ecology, and control of forest and wood products insects; tree diseases; tree viruses; air pollution effects on trees; microbiology; wood decay.

PUBLICATIONS: Technical reports, handbooks, monographs, books. A list of publications relating to forest insect research and forest disease research prepared by or with the support of the U.S. Forest Service is available.

INFORMATION SERVICES: Answers inquiries; provides consulting and literature-searching services.

DIVISION OF INTERNATIONAL FORESTRY

0082 Forest Service, USDA
South Agriculture Bldg., Room 3250
12th St. and Independence Ave. SW.
Washington, D.C. 20250
Tel: (202) 388-4400

AREAS OF INTEREST: Forestry and related sciences; forest resources and industrial developments; U.S. training of foreign nationals in field of forestry; technical assistance in forestry.

HOLDINGS: 1,000 reports; books.

INFORMATION SERVICES: Answers inquiries; permits onsite use of collection.

DIVISION OF TIMBER MANAGEMENT RESEARCH

0083 Forest Service, USDA
Washington, D.C. 20250

Location:

Rosslyn Plaza East, Room 811-F
1621 North Kent St.
Arlington, Va.
Tel: (703) 557-9140

AREAS OF INTEREST: Forest management; forest genetics and mensuration; silviculture; timber-related crops.

PUBLICATIONS: Technical reports, handbooks, monographs.

INFORMATION SERVICES: Answers inquiries or refers inquiries to the appropriate Forest Experiment Station.

National Forest Regions

CALIFORNIA REGION

0084 Regional Forester
Forest Service, USDA
630 Sansome St.
San Francisco, Calif. 94111
Tel: (415) 556-4310

AREAS OF INTEREST: Management of forest and rangelands in California; timber, range, soils, watershed, and wildlife habitat management; fire, insect, and disease control; recreation; engineering; cooperation with States and private owners.

HOLDINGS: Reports, bulletins, booklets, periodicals, books.

PUBLICATIONS: Great variety of booklets, reports etc. for general and specialized audiences; popularized annual report.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; prepares press releases and special articles; maintains liaison with news media; presents exhibits, slide talks, etc.

EASTERN REGION

0085 Regional Forester
Forest Service, USDA
633 West Wisconsin Ave.
Milwaukee, Wis. 53203
Tel: (414) 272-8600

AREAS OF INTEREST: Management of forest and rangelands in 20 eastern and midwestern States; timber, range, soils, watershed, and wildlife habitat management; fire, insect, and disease control; recreation; engineering; cooperation with States and private owners.

HOLDINGS: Reports, bulletins, booklets, periodicals, books.

PUBLICATIONS: Great variety of booklets, reports etc. for general and specialized audiences; popularized annual report.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; prepares press releases and special articles; maintains liaison with news media; presents exhibits, slide talks, etc.

INTERMOUNTAIN REGION

0086 Regional Forester
Forest Service, USDA
Federal Bldg.
324 25th St.
Ogden, Utah 84401
Tel: (801) 399-6011

AREAS OF INTEREST: Management of forest and rangelands in Utah, southern Idaho, western Wyoming, and Nevada; timber, range, soils, watershed, and wildlife habitat management; fire, insect, and disease control; recreation; engineering; cooperation with States and private owners.

HOLDINGS: Reports, bulletins, booklets, periodicals, books.

PUBLICATIONS: Great variety of booklets, reports, etc. for general and specialized audiences; popularized annual report.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; prepares press releases and special articles; maintains liaison with news media; presents exhibits, slide talks, etc.

NORTHERN REGION

0087 Regional Forester
Forest Service, USDA
Federal Bldg.
Missoula, Mont. 59801
Tel: (406) 549-6511

AREAS OF INTEREST: Management of forest and rangelands in Montana, North Dakota, and northern Idaho; timber, range, soils, watershed, and wildlife habitat management; fire, insect, and disease control; recreation; engineering; cooperation with States and private owners.

HOLDINGS: Reports, bulletins, booklets, periodicals, books.

PUBLICATIONS: Great variety of booklets, reports, etc. for general and specialized audiences; popularized annual report.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; prepares press releases and special articles; maintains liaison with news media; presents exhibits, slide talks, etc.

PACIFIC NORTHWEST REGION

0088 Regional Forester
Forest Service, USDA
P.O. Box 3623
Portland, Oreg. 97208

Location:

319 Southwest Pine St.
Portland, Oreg.
Tel: (503) 226-3361

AREAS OF INTEREST: Management of forest and rangelands in Oregon and Washington; timber, range, soils, watershed, and wildlife habitat management; fire, insect, and disease control; recreation; en-

gineering; cooperation with

owners.
HOLDINGS: Reports, bulletins, booklets, periodicals, books.

PUBLICATIONS: Great variety of booklets, reports, etc. for general and specialized audiences; popularized annual report.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; prepares press releases and special articles; maintains liaison with news media; presents exhibits, slide talks, etc.

ROCKY MOUNTAIN REGION

0089 Regional Forester
Forest Service, USDA
Denver Federal Center, Building 85
Denver, Colo. 80225
Tel: (303) 233-3611

AREAS OF INTEREST: Management of forest and rangelands in Colorado, Wyoming, South Dakota, Nebraska, and Kansas; timber, range, soils, watershed, and wildlife habitat management; fire, insect, and disease control; recreation; engineering; cooperation with States and private owners.

HOLDINGS: Reports, bulletins, booklets, periodicals, books.

PUBLICATIONS: Great variety of booklets, reports, etc. for general and specialized audiences; popularized annual report.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; prepares press releases and special articles; maintains liaison with news media; presents exhibits, slide talks, etc.

SOUTHERN REGION

0090 Regional Forester
Forest Service, USDA
1720 Peachtree Rd. NW.
Atlanta, Ga. 30309
Tel: (404) 526-5177

AREAS OF INTEREST: Management of forest and rangelands in 13 southern States; timber, range, soils, watershed, and wildlife habitat management; fire, insect, and disease control; recreation; engineering; cooperation with States and private owners.

HOLDINGS: Reports, bulletins, booklets, periodicals, books.

PUBLICATIONS: Great variety of booklets, reports, etc. for general and specialized audiences; popularized annual report.

0091

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; prepares press releases and special articles; maintains liaison with news media; presents exhibits, slide talks, etc.

SOUTHWESTERN REGION

0091 Regional Forester
Forest Service, USDA
Federal Bldg.
517 Gold Ave. SW.
Albuquerque, N. Mex. 87101
Tel: (505) 843-2401

AREAS OF INTEREST: Management of forest and rangelands in New Mexico and Arizona; timber, range, soils, watershed, and wildlife habitat management; fire, insect, and disease control; recreation; engineering; cooperation with States and private owners.

HOLDINGS: Reports, bulletins, booklets, periodicals, books.

PUBLICATIONS: Great variety of booklets, reports, etc. for general and specialized audiences; popularized annual report.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; prepares press releases and special articles; maintains liaison with news media; presents exhibits, slide talks, etc.

National Forest System

DIVISION OF RANGE MANAGEMENT

0092 Forest Service, USDA
Washington, D.C. 20250

Location:

Rosslyn Plaza East, Room 610-C
1621 North Kent St.
Arlington, Va.

AREAS OF INTEREST: Management of livestock and rangelands; forage plants; regulation of use.

HOLDINGS: Historical files on livestock grazing on National Forest System lands; reports.

PUBLICATIONS: Forest Service annual grazing statistical report; *Managing Public Rangelands*; *Grazing Fees on National Forest Range--Past History and Present Policy*; other occasional informational pamphlets.

INFORMATION SERVICES: Answers inquiries; provides statistical information about livestock grazing on National Forest System lands.

AGRICULTURE, DEPARTMENT OF

DIVISION OF TIMBER MANAGEMENT

0093 Forest Service, USDA
South Agriculture Bldg., Room 3205
12th St. and Independence Ave. SW.
Washington, D.C. 20250
Tel: (202) 388-6893

AREAS OF INTEREST: Timber sales contracts and supervision; silvicultural systems and evaluation; timber management plans; application of multiple use principles; balancing timber harvesting with other uses; regeneration methods; timber stand improvement; reforestation of denuded areas.

HOLDINGS: Bulletins, reports, booklets.

PUBLICATIONS: *National Forest Management in a Quality Environment--Timber Productivity*; *Forest Service Timber Appraisals--Situation Report*; other reports and booklets.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals.

DIVISION OF WILDLIFE MANAGEMENT

0094 Forest Service, USDA
Washington, D.C. 20250

Location:

Rosslyn Plaza East, Room 1207-K
1621 North Kent St.
Arlington, Va.
Tel: (703) 557-1552

AREAS OF INTEREST: Wildlife and wildlife habitat; fish and fish habitat; water quality; balancing wildlife management with other uses of forest lands; Federal-State cooperation in wildlife and wildlife habitat management; protection of rare and endangered species of wildlife, fish, amphibians, reptiles etc.

HOLDINGS: Reports, bulletins, booklets, books, periodicals.

PUBLICATIONS: Reports and booklets; slide talks and movies.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals.

State and Private Forestry

DIVISION OF COOPERATIVE FOREST MANAGEMENT

0095 Forest Service, USDA
South Agriculture Bldg., Room 3242
12th St. and Independence Ave. SW.

Washington, D.C. 20250
Tel: (202) 388-2270

AREAS OF INTEREST: Forest management and forest products utilization; timber improvement; marketing; resource conservation; flood prevention; forest pest control; rural areas development.

HOLDINGS: Small collection of periodicals and reports.

PUBLICATIONS: *State Agencies Cooperating with the U.S. Department of Agriculture Forest Service in Administration of Various Forestry Programs* (directory); *Managing the Family Forest* (bulletin); *Why TSI?* (Timber Stand Improvement Increases Profits); various pamphlets.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals.

DIVISION OF FOREST PEST CONTROL

0096 Forest Service, USDA
Washington, D.C. 20250

Location:

Rosslyn Plaza East, Room 1205-B
1621 North Kent St.
Arlington, Va.
Tel: (703) 557-4567

AREAS OF INTEREST: Prevention, detection (survey), biological evaluation, and suppression of forest insect populations on the National Forests, other Federal lands, and State and private forest lands throughout the nation.

HOLDINGS: Collection of reports.

PUBLICATIONS: *Forest Insect Conditions* (annual nationwide report); other reports, brochures, reprints.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; makes referrals; distributes various brochures and reprints, usually free.

NORTHEASTERN AREA

0097 State and Private Forestry
U.S. Forest Service
6816 Market St.
Upper Darby, Pa. 19082
Tel: (215) 352-5800

AREAS OF INTEREST: Forest fire control; forest pest control; flood prevention; river basin programs; rural area development; tree planting; woodland management; utilization and marketing of timber and forest products.

HOLDINGS: Books, reports, bulletins, films, reprints.

PUBLICATIONS: Reports, reprints, leaflets.

INFORMATION SERVICES: Answers inquiries and provides consulting and advisory services in cooperation with State Foresters.

SOUTHEASTERN AREA

0098 State and Private Forestry
U.S. Forest Service
1720 Peachtree Rd. NW., Suite 700
Atlanta, Ga. 30309
Tel: (404) 526-5964

AREAS OF INTEREST: Forest fire control; forest pest and environmental quality control; flood prevention; river basin programs; rural area development; woodland management; utilization and marketing of forest products; organization management and management systems; implementation of forest-related research.

HOLDINGS: Books, reports, bulletins, films, reprints.

PUBLICATIONS: Reports, reprints, leaflets, workbooks, field guides.

INFORMATION SERVICES: Answers inquiries and provides consulting and advisory services in cooperation with State Foresters.

National Agricultural Library

0099 U.S. Department of Agriculture
Beltsville, Md. 20705
Tel: (301) 345-6200 Ext. 255 (Division of Reference)
(301) 345-6200 Ext. 272 (Division of Lending)

Branch Library

U.S. Department of Agriculture
South Bldg., Room 1052
14th St. and Independence Ave. SW.
Washington, D.C. 20250
Tel: (202) 388-3434

Bee Culture Branch

Agricultural Research Center
Building A
Beltsville, Md. 20705
Tel: (301) 474-4800 Ext. 291

Law Branch

U.S. Department of Agriculture
South Bldg., Room 2016
14th St. and Independence Ave. SW.
Washington, D.C. 20250
Tel: (202) 388-7751

AREAS OF INTEREST: General agriculture; economic aspects of agriculture, including production, marketing, and transportation; botany; chemistry; animal industry; veterinary medicine; biology; rural sociology; forestry; entomology; law; food and nutrition; soils and fertilizers; all aspects of pest control and pesticides.

HOLDINGS: 1.5 million volumes, including books and bound journals, current periodicals, reports, maps, charts, posters, and microforms. The literature is in 50 languages and includes material from 120 foreign countries. Special collections are available at the branch libraries. The Bee Culture Branch, which maintains the *Beekeeping Bibliography* in card form, compiles material on beekeeping, bee diseases, plant pollination, insecticides, and floral sources of honey. The Law Branch houses material on the agricultural aspects of U.S. statute and case law; it also prepares legislative histories.

PUBLICATIONS: The *Bibliography of Agriculture*, formerly published by the Library, is currently continued by CCM Information Corp. This monthly index to the literature of agriculture and allied sciences is computer-produced from magnetic tapes containing data prepared by the Library. The *Dictionary Catalog of the National Agricultural Library, 1862-1965*, in 73 volumes, has been published by Rowman and Littlefield, Inc. The *National Agricultural Library Catalog*, published monthly by the same firm, contains entries for all books, serials, and analytics cataloged during the previous month by the Library.

INFORMATION SERVICES: The holdings of the Library and its branches are open to the public for onsite reference, and material may be borrowed through interlibrary loan. Photocopying of materials from the collection is done at cost.

Office of Information

0100 U.S. Department of Agriculture
14th St. and Independence Ave. SW.
Washington, D.C. 20250
Tel: (202) 388-2791

AREAS OF INTEREST: Department of Agriculture activities.

INFORMATION SERVICES: The Office of Information disseminates general information on Department activities and serves as a channel for all official USDA information. The Office also administers the publications program of the Department of Agriculture and produces and distributes motion pictures, ex-

hibits, photographs, slide sets, and other visual aids. Technical inquiries are generally referred to specialists of the Department for answers.

Soil Conservation Service

Information Division

0101 Soil Conservation Service
U.S. Department of Agriculture
14th St. and Independence Ave. SW.
Washington, D.C. 20250
Tel: (202) 388-4543

AREAS OF INTEREST: Soil and water conservation; soil classification and geography; soil chemistry; agronomy; plant materials; range and woodland conservation and improvement; watershed protection; flood prevention; erosion control; water yield and use; irrigation and drainage; channel improvement; sediment yield and transport; small watershed hydrology.

HOLDINGS: Literature, data.

PUBLICATIONS: Bulletins, handbooks.

INFORMATION SERVICES: Answers inquiries; makes referrals; permits onsite use of collection by approved visitors.

Louisiana State Office

0102 Soil Conservation Service, USDA
P.O. Box 1630
Alexandria, La. 71301

Location:

3737 Government St.
Alexandria, La.
Tel: (318) 443-7391

AREAS OF INTEREST: Soil, water, plant, animal, and wildlife resources; engineering and planning as applied to these resources and to recreation development, watershed planning and treatment, and woodland treatment.

HOLDINGS: 500 books; 95 periodical titles; reports.

PUBLICATIONS: 50 recurring publications issued irregularly (a Louisiana publications list is available); reports, specifications, directories. The Louisiana State Office also contributes data to pamphlets and other publications issued by the Soil Conservation Service in Washington, D.C.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; disseminates publications; makes referrals; lends materials; permits onsite use of literature collection.

Statistical Reporting Service**Pennsylvania State Statistical Office**

0103 Pennsylvania Crop Reporting Service
2301 North Cameron St.
Harrisburg, Pa. 17120
Tel: (717) 787-3904

AREAS OF INTEREST: Agricultural statistics for Pennsylvania.

HOLDINGS: State Statistical Office reissuances, Crop Reporting Board-USDA releases.

PUBLICATIONS: *Annual Summary (including county data)*, *Pennsylvania Crop and Livestock Statistics*; *Weather and Crop* (weekly during the growing season); *Machinery (farm) Custom Rates* (annual in May); special reports, Pennsylvania reissuances, Crop Reporting Board-USDA releases (monthly, quarterly, annual). A publications list is available.

INFORMATION SERVICES: Provides statistical information on agriculture in Pennsylvania.

South Dakota Office

0104 Statistical Reporting Service
U.S. Department of Agriculture
P.O. Box V
Sioux Falls, S. Dak. 57101

Location:

312 South Minnesota Ave.
Sioux Falls, S. Dak.
Tel: (605) 336-2980 Ext. 235

AREAS OF INTEREST: Agricultural statistics for South Dakota, particularly production, inventory, price, and value statistics.

HOLDINGS: Reports from farmers and allied agricultural interests.

PUBLICATIONS: *South Dakota Agriculture* (annual, published jointly with the South Dakota State Department of Agriculture).

INFORMATION SERVICES: Provides statistical information on all forms of agriculture as to production, price, and value for South Dakota, including county estimates for most crops and species of livestock.

AIR FORCE, DEPARTMENT OF THE**Air Force Systems Command****Aerospace Medical Division****HEADQUARTERS**

0105 STINFO Office (RDOP)
Aerospace Medical Division, AFSC
Brooks Air Force Base, Tex. 78235
Tel: (512) 536-2838

AREAS OF INTEREST: All aspects of aerospace medicine.

HOLDINGS: The Museum of Flight Medicine, located at Division Headquarters, is a central depository for memorabilia relating to aerospace medicine from its earliest beginnings to the present.

PUBLICATIONS: Technical reports, bibliographies.

INFORMATION SERVICES: Answers inquiries concerning the status and location of current research projects at Aerospace Medical Division laboratories; specific technical inquiries and requests for reports are referred to the appropriate laboratory.

**AEROSPACE MEDICAL RESEARCH
LABORATORIES--LIBRARY**

0106 6570 AMRL (SCI-L) Library
Wright-Patterson Air Force Base, Ohio
45433
Tel: (513) 255-4351

AREAS OF INTEREST: Aviation medicine; biodynamics and bionics; environmental medicine; human engineering; life support; acoustics; anthropology; physiology; toxicology; veterinary medicine.

HOLDINGS: About 5,000 books, 250 periodical titles, and 10,000 technical reports; other scientific and technical material, including the memorandum reports and technical reports of the Laboratories from 1932 to the present, and reports of the National Research Council, Division of Medical Sciences, Committee of Aviation Medicine, 1941-45.

INFORMATION SERVICES: Makes interlibrary loans of materials not available locally; permits onsite use of collection on a need-to-know basis.

**USAF EPIDEMIOLOGICAL
LABORATORY****Forensic Toxicology Branch**

0107 USAF Epidemiological Laboratory
Brooks Air Force Base, Tex. 78235
Tel: (512) 536-3677

AREAS OF INTEREST: Atomic absorption; carbon, hydrogen, and nitrogen analysis; gas chromatography; infrared and ultraviolet spectrophotometry; drug analysis; procedure research; pesticide analysis; narcotics; sedatives; stimulants; volatiles; alkaloids; carbon monoxide; autopsy; blood alcohols.

0108

PUBLICATIONS: Books, periodicals.

INFORMATION SERVICES: Answers inquiries; provides reference and consulting services to Government agencies; performs worldwide forensic toxicologic examinations for the Air Force.

USAF SCHOOL OF AEROSPACE MEDICINE

Aeromedical Library

0108 USAF School of Aerospace Medicine
Brooks Air Force Base, Tex. 78235
Tel: (512) 536-3321

AREAS OF INTEREST: Aviation and space medicine; aircraft accidents; escape and survival techniques; medical and dental sciences; pharmacology; biochemistry; radiation effects; human engineering; atomic energy and biological warfare weapons systems (biomedical aspects).

HOLDINGS: 89,120 books and journals; 2,167 periodical titles; 70,000 reports.

PUBLICATIONS: Technical reports and reviews.

INFORMATION SERVICES: Answers inquiries; provides reference, literature-searching, and duplication services; lends material. Services are primarily for personnel of the School of Aerospace Medicine, but are also provided to others as time allows.

Facilities include a microfilm reader-printer.

WILFORD HALL USAF HOSPITAL MEDICAL LIBRARY

0109 Lackland Air Force Base, Tex. 78236
Tel: (512) 671-7204

AREAS OF INTEREST: Medicine; pediatrics; obstetrics and gynecology; orthopedics; pathology; surgery; dentistry; mental health; psychiatry; psychology; radiology; veterinary medicine; physical and occupational therapy; nursing; hospital administration.

HOLDINGS: Over 12,000 books and bound volumes of periodicals; 340 current periodical subscriptions.

INFORMATION SERVICES: Answers inquiries; provides advisory, reference, literature-searching, and duplication services; makes interlibrary loans; permits onsite use of collection.

6570TH AEROSPACE MEDICAL RESEARCH LABORATORY

Technical Information Office

0110 6570th Aerospace Medical Research Laboratory

AIR FORCE, DEPARTMENT OF THE

Wright-Patterson Air Force Base, Ohio
45433
Tel: (513) 255-5993

AREAS OF INTEREST: Bioastronautics; biological acoustics; neurophysiology; biodynamics; effects of vibration and impact; environmental physiology; bioinstrumentation; effects of acceleration; altitude protective devices; aerospace water recovery systems; aerospace water standards; aerospace toxic hazards; bionics; veterinary medicine; engineering; psychology; design of control systems; human engineering; man-machine interaction; physical anthropology; motor skills; biomechanics; anthropometrics; environmental stress; simulation.

HOLDINGS: Reviews, journals, bibliographies, books.

PUBLICATIONS: Technical reports (available from the National Technical Information Service, Springfield, Va. 22151).

INFORMATION SERVICES: Makes referrals to the appropriate scientists or engineers; provides consulting or advisory services; prepares analyses or evaluations for those with a legitimate need-to-know; permits onsite use of collection.

Air Force Office of Scientific Research (AFOSR)

LIBRARY

0111 Air Force Office of Scientific Research
1400 Wilson Blvd.
Arlington, Va. 22209
Tel: (202) 694-5751

AREAS OF INTEREST: Physical and life sciences; astronautics and aeronautics; mathematics; physics; astronomy; solid state science; information sciences.

HOLDINGS: 15,000 volumes, including bound periodicals.

INFORMATION SERVICES: Makes interlibrary loans; permits onsite use of collection by qualified Department of Defense personnel, and by others by arrangement.

Air Training Command

School of Health Care Sciences, USAF

0112 Air Training Command
Drop 114
Sheppard Air Force Base, Tex. 76311
Tel: (817) 851-2812

laboratory and clinic, psychiatric ward, medical laboratory, operating room, general nursing, nursing service administration, physician assistant, and veterinary services.

HOLDINGS: Books, periodicals, reports, motion pictures, 35mm slides, audio tapes, video tapes, transparencies.

PUBLICATIONS: Study guides, student textbooks, student handouts, Career Development Courses (CDCs).

INFORMATION SERVICES: Answers inquiries; provides consulting services; provides on-the-job training materials to Department of Defense medical treatment facilities; provides course plans, student study guides, workbooks and handouts, when available, for teaching medical-allied sciences to any Department of Defense or civilian teaching agency; conducts tours of the training facilities for educational groups. Extensive services are provided only to members of the USAF Medical Service.

Arctic, Desert, Tropic Information Center

0113 Aerospace Studies Institute (ASADT)
Air University
Maxwell Air Force Base, Ala. 36112
Tel: (205) 293-5373 or 293-5597

AREAS OF INTEREST: Geographical areas of environmental extremes and effects of extremes on equipment and personnel; geography, ecology, and applied biology; applied anthropology and ethnology; cross cultural contacts and human survival.

HOLDINGS: Books, research reports, abstracts, manuscripts, and geographical charts; ethnographic information on the U.S.S.R., Southeast Asia, South America, Africa, and the Middle East; file of current research projects on nontemperate areas; films on survival and cross cultural contact; 35mm colored slide collection on natural history and ethnology of American and Southeast Asian tropics.

PUBLICATIONS: *Information Bulletin* (irregular) containing unclassified aircrew survival and rescue information; *Ethnic Briefs* containing basic, useful information on establishing friendly working rapport with peoples of different cultures; bibliographies, technical reports, state-of-the-art reviews.

collection.

Office of the Surgeon General, USAF

Directorate of Professional Services

PREVENTIVE MEDICINE BRANCH (SGPAAP)

0114 Headquarters USAF
Forrestal Bldg.
Washington, D.C. 20314

Location:

1000 Independence Ave. SW.
Washington, D.C.

Tel: (202) 693-5792

AREAS OF INTEREST: Public health; occupational medicine; bionucleonics; bioenvironmental engineering; industrial hygiene; environmental pollution.

HOLDINGS: A collection of books, periodicals, and reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals.

AIR POLLUTION TECHNICAL INFORMATION CENTER

see Environmental Protection Agency. Office of Air Programs

AIRLINE MEDICAL DIRECTORS ASSOCIATION

0115 c/o Dr. Francis R. Schwartz, Secretary
United Airlines Medical Department
San Francisco International Airport
San Francisco, Calif. 94128
Tel: (415) 588-2424 Ext. 30001

AREAS OF INTEREST: Commercial aviation medicine, including physiological, biological, and human factors.

INFORMATION SERVICES: Answers brief inquiries or refers inquirers to member specialists.

0116

AKRON CITY HEALTH DEPARTMENT

0116 177 South Broadway
Akron, Ohio 44308
Tel: (216) 375-2960

AREAS OF INTEREST: Public health; food, milk, and meat contamination; air, land, and water pollution; radiation hazards; enforcement of housing codes.

HOLDINGS: A small library of medical and public health books; numerous public health reports and publications; educational pamphlets.

PUBLICATIONS: Educational pamphlets.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; disseminates health education materials.

ALABAMA ACADEMY OF SCIENCE

0117 Auburn University Library
Auburn, Ala. 36830
Tel: (205) 826-4500

AREAS OF INTEREST: Biological sciences; chemistry; geology; forestry, including geography and conservation; physics; mathematics; industry and economics; science education; engineering; anthropology; medical sciences; social sciences.

PUBLICATIONS: *Journal of the Alabama Academy of Science* (quarterly); newsletter (3 issues per year).

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services; sponsors science fairs; provides lectures under a grant from the National Science Foundation.

ALABAMA AGRICULTURAL EXPERIMENT STATION

see Auburn University

ALABAMA COOPERATIVE WILDLIFE RESEARCH UNIT

0118 Auburn University
Auburn, Ala. 36830
Tel: (205) 826-4796

The Alabama Cooperative Wildlife Research Unit is sponsored by Auburn University, the Alabama Department of Conservation, the Wildlife Management Institute, and the U.S. Fish and Wildlife Service.

AREAS OF INTEREST: Wildlife management; animal ecology.

AKRON CITY HEALTH DEPARTMENT

HOLDINGS: 450 plant and animal specimens; 550 technical reports; 60 journals; 4,500 reprints; 2,000 booklets; motion pictures, photos, slides, books, abstracts, theses, bibliographies.

PUBLICATIONS: Technical reports, reprints, theses, booklets.

INFORMATION SERVICES: Answers brief inquiries; provides consulting services; makes referrals.

ALABAMA DEPARTMENT OF CONSERVATION

Alabama Marine Resources Laboratory

0119 P.O. Box 188
Dauphin Island, Ala. 36528
Tel: (205) 861-2882

AREAS OF INTEREST: Alabama shellfish and marine fisheries research and management, including taxonomy, ecology, and habitat development; sports fishing; water pollution; water testing.

HOLDINGS: Marine animal and plant specimens; 2,200 technical reports; 1,600 books; 1,600 journals; 200 bibliographies; 1,600 slides; project records, maps and charts, graphs and tables, abstracts, reprints, posters.

PUBLICATIONS: *Marine Resources Bulletin* (irregular); journal articles.

INFORMATION SERVICES: Answers inquiries; provides consulting, analytical, and testing services; provides short lists of literature citations in response to specific inquiries; prepares analyses; makes referrals; conducts lectures and demonstrations; permits onsite use of collection. Services are provided free or for fee, depending on time and materials required.

ALABAMA DEPARTMENT OF PUBLIC HEALTH

Bureau of Primary Prevention

0120 Alabama Department of Public Health
State Office Bldg.
Montgomery, Ala. 36104
Tel: (205) 269-7306

AREAS OF INTEREST: Preventable diseases; environmental health, including water and air pollution; im-

munization; maternal and child health; public health nursing; dental health; narcotic and drug control; accident prevention, including poisoning; radiological health; smoking and health.

HOLDINGS: 1,600 books; 132 journals, all but current issues bound; 300 reports; 80 pamphlets and booklets; 400 motion pictures; 35 filmstrips; 500 slides; 200 maps and charts; 200 posters and other display materials; newspaper clippings dating from 1938.

PUBLICATIONS: Quarterly departmental magazine, annual report, pamphlets, booklets, motion pictures, news releases, slides, posters and other display materials.

INFORMATION SERVICES: Answers inquiries; provides consulting, bibliographic, and duplication services; makes referrals.

ALABAMA DEPARTMENT OF TOXICOLOGY AND CRIMINAL INVESTIGATION

0121 P.O. Box 231
Auburn, Ala. 36830

Location:

Wire Rd.

Auburn, Ala.

Tel: (205) 887-7001

AREAS OF INTEREST: Investigation toxicology; analytical toxicology; autopsy; lesion; analytical methods.

HOLDINGS: Small collection of books and periodicals.

PUBLICATIONS: Toxicologic data compilations on amount of poisons in various post mortem human tissues.

INFORMATION SERVICES: Answers inquiries; provides consulting and duplication services. Services are provided free to law enforcement agencies and, on limited basis, for fee to others.

Facilities include a complete crime laboratory.

ALASKA AGRICULTURAL EXPERIMENT STATION

see University of Alaska

ALASKA COOPERATIVE WILDLIFE RESEARCH UNIT

0122 University of Alaska
College, Alaska 99701
Tel: (907) 479-7225

The Alaska Cooperative Wildlife Research Unit is sponsored by the University of Alaska, the Alaska Department of Fish and Game, the Wildlife Management Institute, and the U.S. Fish and Wildlife Service.

AREAS OF INTEREST: Wildlife biology, ecology, animal behavior, and population dynamics, especially of the Arctic region.

HOLDINGS: 1,500 animal specimens; 650 books; 5,000 reprints; 5,250 pamphlets; 225 photos; 1,000 slides; 150 maps and charts; 150 technical reports; 125 newsletters; 250 publication lists; 300 bibliographies; unevaluated data.

PUBLICATIONS: Technical reports, reprints, publication lists, photos.

INFORMATION SERVICES: Answers inquiries; provides consulting services and short lists of literature citations in response to specific inquiries; furnishes location of hard-to-find bibliographic materials; identifies wildlife species, parasites, and food species; makes referrals; permits onsite use of collections. Services are primarily for students.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION

0123 Pouch O
Juneau, Alaska 99801

AREAS OF INTEREST: Air and water pollution control; public water supply and waste disposal; radiation protection; pesticides; solid wastes.

HOLDINGS: Unevaluated data; photos of sanitary facilities in the State.

INFORMATION SERVICES: Answers inquiries within the limitations of time and personnel; provides technical consulting services.

ALASKA DEPARTMENT OF FISH AND GAME

0124 Subport Bldg.
Juneau, Alaska 99801
Tel: (907) 586-3392

0125

AREAS OF INTEREST: Fish and game biology and ecology; parasites; diseases; radiation; hydraulics; toxicology; population dynamics; biometrics; botany; water resources.

HOLDINGS: 1,200 books; 13,000 journals; 33,000 technical reports; data, specimens, devices, models, films, photos, slides, maps, charts, display materials, graphs, reviews, indexes, newsletters, reprints, bibliographies, pamphlets, clippings.

PUBLICATIONS: *Alaska Fish Tales and Game Trails* (bimonthly); wildlife notebook series, informational leaflets, statistical leaflets, Federal Aid annual reports (by project).

INFORMATION SERVICES: Answers inquiries; provides consulting services; identifies fish and game species; makes referrals; lends material occasionally; permits onsite use of collection.

ALASKA DEPARTMENT OF HEALTH AND WELFARE

Division of Public Health

0125 Alaska Department of Health and Welfare
Pouch H
Juneau, Alaska 99801

Location:

Foss Bldg.
113 West 3d St.
Juneau, Alaska
Tel: (907) 586-5371

AREAS OF INTEREST: Public health; sanitation, including food processing, preparation, and service, heating, lighting, ventilation, and general housekeeping within public and semipublic institutions, food processing plants, retail food establishments, schools, hospitals, children's homes, recreational areas, tourist accommodations, and similar establishments.

HOLDINGS: Unevaluated data; photos of sanitary facilities in the State.

INFORMATION SERVICES: Answers inquiries within the limitations of time and personnel; provides technical consulting services.

ALASKA DEPARTMENT OF HEALTH AND WELFARE

ALASKA DEPARTMENT OF NATURAL RESOURCES

Division of Agriculture

0126 Alaska Department of Natural Resources
P.O. Box 800
Palmer, Alaska 99645
Tel: (907) 745-3722

AREAS OF INTEREST: Agriculture in Alaska, including regulation, production, and marketing; crop and livestock statistics.

HOLDINGS: 2,800 grain and seed samples; 750 data compilations; 700 photos; 700 slides; 800 journals; 15,500 pamphlets; standards and specifications, reviews, reprints, newsletters, publication lists, press releases, clippings.

PUBLICATIONS: *Alaska Market Report*; annual report, newsletters.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; lends some materials; permits onsite use of collection.

Division of Lands

0127 Alaska Department of Natural Resources
323 East 4th Ave.
Anchorage, Alaska 99501
Tel: (906) 279-5577

Branch Offices:

State Office Bldg., Room 107
Fairbanks, Alaska 99701

State Capitol, Room 403
Juneau, Alaska 99801

AREAS OF INTEREST: Development and administration of Alaska's State land management program, including selection of 105 million acres from the Federal domain, administration of tidelands along 34,000 miles of coastline, mineral development, oil and gas leasing, and forest management on sustained yield basis.

HOLDINGS: Official State land records; 25,000 maps and charts; reference collection of books, journals, technical reports, standards and specifications, abstracts, newsletters, reprints, publication lists, bibliographies, pamphlets, news releases, clippings, microforms, data compilations, and unevaluated data.

PUBLICATIONS: *Alaska Land Lines* (monthly).

INFORMATION SERVICES: Answers inquiries; provides advisory services and current information regarding State lands, forests, and resources; provides short lists of literature citations in response to specific inquiries; prepares analyses; makes referrals. State land records are available to the public at the Division's offices in Anchorage, Juneau, and Fairbanks.

ALBANY COLLEGE OF PHARMACY

0128 Union University
106 New Scotland Ave.
Albany, N.Y. 12208
Tel: (518) 462-6426

AREAS OF INTEREST: Pharmacy, including pharmacology and pharmacognosy; drugs in general; analytic methods, including chromatography, colorimetry, and infrared spectroscopy; medical technology; bacteriology.

HOLDINGS: Collection of books and periodicals.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and literature-searching services; makes interlibrary loans. Extensive services are provided on a contract basis.

ALBANY MEDICAL COLLEGE

Department of Pharmacology

0129 Albany Medical College
47 New Scotland Ave.
Albany, N.Y. 12208
Tel: (518) 462-7521 Ext. 842

AREAS OF INTEREST: Pharmacology; effects of drugs and chemicals on organs.

HOLDINGS: Small collection of books and periodicals.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services. Services are available to medical personnel only.

ALBERT EINSTEIN COLLEGE OF MEDICINE

see Yeshiva University

ALBERT EINSTEIN MEDICAL CENTER

Medical Staff Libraries

0130 Albert Einstein Medical Center
York and Tabor Rds.
Philadelphia, Pa. 19141
Tel: (215) 329-0700

AREAS OF INTEREST: Clinical and preclinical medicine.

HOLDINGS: 10,600 books; 280 journals; reports, data.

PUBLICATIONS: *Journal of the Albert Einstein Medical Center* (quarterly).

INFORMATION SERVICES: Provides reference services; permits onsite use of collection by approved research investigators.

ALBERTO-CULVER CO.

Research Library

0131 Alberto-Culver Co.
2525 Armitage Ave.
Melrose Park, Ill. 60160
Tel: (312) 345-6300 Ext. 328

AREAS OF INTEREST: Cosmetics, especially hair preparations; aerosols testing; food additives; microbiological testing of cosmetics, dentrifices, and foods; dermatology.

HOLDINGS: 1,000 books; 150 periodical titles.

INFORMATION SERVICES: Answers brief inquiries; provides consulting, reference, literature-searching, translation, and duplication services; makes interlibrary loans. Fees may be charged for some services. Extensive services are provided only to Company personnel.

ALBION COLLEGE

Neurospora Genetics Laboratory

0132 Department of Biology
224 Robinson Hall
Albion College
Albion, Mich. 49224
Tel: (517) 629-5511 Ext. 292

AREAS OF INTEREST: Materials and methods for the use of Neurospora in teaching.

HOLDINGS: Periodicals, reports.

PUBLICATIONS: Manual of methods and laboratory procedures.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; provides cultures of genetic strains. Services are available to teachers of biology at all levels.

ALEXANDER GRAHAM BELL ASSOCIATION FOR THE DEAF, INC.

0133 The Volta Bureau
1537 35th St. NW.
Washington, D.C. 20007
Tel: (202) 337-5220

AREAS OF INTEREST: Deafness, including some medical aspects; hearing; lipreading; hearing aids; education of the deaf.

HOLDINGS: The Association's Library has more than 20,000 volumes, 5,000 research and technical reports, and vertical file drawers of clippings and tearsheets dating from 1915, and subscribes to some 200 English and foreign language journals and periodicals.

PUBLICATIONS: *Volta Review* (monthly magazine which includes reviews of current research); *World Traveler* (full-color magazine for language-handicapped persons).

INFORMATION SERVICES: Answers requests for information by telephone or mail; permits onsite use of literature collection by the general public. Much of the collection is available through interlibrary loan.

ALLERGY-ASTHMA FOUNDATION

0134 801 Second Ave.
New York, N.Y. 10017
Tel: (212) 684-7875

AREAS OF INTEREST: Public health educational aspects of allergic disease, ranging from asthma to insect stings; some aspects of medical education for allergic diseases (scholarships, fellowships, teaching conferences, special studies).

HOLDINGS: Statistics, small collection of reports.

PUBLICATIONS: Educational pamphlets, annual report.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; makes referrals.

ALLIED RESEARCH ASSOCIATES, INC.

0135 Virginia Rd.
Concord, Mass. 01742
Tel: (617) 369-9000

AREAS OF INTEREST: Geophysics; aerospace; atmospheric physics research; satellite meteorology and earth resources; data systems; life sciences; biological effects of nonionizing radiation; electronics and electrical engineering.

HOLDINGS: 1,000 books; 70 journals and periodicals; 10,000 reports; 1,500 specifications and standards.

PUBLICATIONS: Brochures, technical reports, annual report.

INFORMATION SERVICES: Answers brief inquiries free; makes interlibrary loans. Extensive inquiries in the areas of satellite meteorology and biological effects of nonionizing radiation are handled on a contractual basis.

AMERICAN ACADEMY OF CLINICAL TOXICOLOGY

0136 P.O. Box 2565
Houston, Tex. 77001
Tel: (713) 524-7547

AREAS OF INTEREST: Diagnosis and treatment of poisoning, drug overdose, occupational and industrial intoxications, drug abuse, and envenomations.

HOLDINGS: 5,000 reports.

PUBLICATIONS: *Clinical Toxicology Newsletter*.

INFORMATION SERVICES: Answers inquiries; make referrals. Individual Academy members provide consulting services on negotiated fee basis.

AMERICAN ACADEMY OF DENTAL PRACTICE ADMINISTRATION

0137 c/o Mrs. Virginia M. Savage, Executive Secretary
6175 Bluehill Rd.
Detroit, Mich. 48224
Tel: (313) 882-1659

AREAS OF INTEREST: All aspects of dental practice administration.

HOLDINGS: Collection of tape recordings of Academy sessions, newsletters, and reprints.

PUBLICATIONS: Annual proceedings (available only to dental libraries and to members and guests attending).

INFORMATION SERVICES: Provides guidance in the area of dental practice administration; disseminates health information to the dental profession and the public. Services are primarily for members and dental libraries.

AMERICAN ACADEMY OF DENTAL RADIOLOGY

0138 c/o Dr. William K. Collett, Secretary
School of Dentistry
University of Florida
5023 Northwest 18th Pl.
Gainesville, Fla. 32601
Tel: (904) 392-2673

AREAS OF INTEREST: Dental radiology, including X-rays and radioisotopes in dentistry; radiation protection.

HOLDINGS: 50 periodical titles; 500 technical reports.

PUBLICATIONS: Oral Roentgenology Section of *Oral Surgery, Oral Medicine, and Oral Pathology* (monthly journal).

INFORMATION SERVICES: Answers inquiries; provides consulting services on an individual basis. Services are primarily for members of the dental and medical professions.

AMERICAN ACADEMY OF FORENSIC SCIENCES

0139 44 Medical Dr.
Salt Lake City, Utah 84113
Tel: (801) 582-7241

Academy membership includes leaders in the fields of criminalistics, pathology, biology, odontology, psychiatry, questioned documents examination, physical anthropology, toxicology, and medical jurisprudence, as well as experts in such specialized fields as ballistics, firearms investigation, forensic dentistry, neutron activation analyses, and spectroscopy.

AREAS OF INTEREST: Improvement of research into and study of standards in the fields of forensic sciences; standardization of scientific techniques, texts, and criteria in the forensic sciences, with special reference to the specialized fields of scientific evidence in the court room, research into the causes of crime, and improvement in the quality of justice

and in rehabilitation techniques, together with encouragement of an interdisciplinary approach to the problems particularly involving these fields.

PUBLICATIONS: *Journal of Forensic Sciences* (quarterly, available from the American Society for Testing and Materials, 1916 Race St., Philadelphia, Pa. 19103); *What's New in Forensic Sciences* (annual bibliography of articles in the field); newsletter (quarterly).

INFORMATION SERVICES: Answers inquiries by referral to selected individuals associated with the Academy; provides consulting services.

AMERICAN ACADEMY OF IMPLANT DENTISTRY

0140 c/o Dr. A. Norman Cranin, Director
2120 Ocean Ave.
Brooklyn, N.Y. 11229
Tel: (212) 339-8400

The American Academy of Implant Dentistry is an affiliate of the American Dental Association.

AREAS OF INTEREST: Dentistry, particularly prosthetic dentistry, implant dentistry, homogenous and autogenous grafts, dentures, and odontology.

HOLDINGS: A collection of technical papers that review and report past, current, and future concepts in the field; a limited collection of books, journals, and films.

PUBLICATIONS: *Journal of Oral Implant and Transplant Surgery* (annual); monthly newsletter.

INFORMATION SERVICES: The collection of technical papers is available to both professionals and laymen without charge. Inquiries about specialized problems are handled through a consulting service.

AMERICAN ACADEMY OF MAXILLOFACIAL PROSTHETICS

0141 c/o Dr. Arthur O. Rahn, Executive Secretary
Department of Prosthodontics
School of Dentistry
Medical College of Georgia
Augusta, Ga. 30902
Tel: (404) 724-7111 Ext. 8670

AREAS OF INTEREST: Maxillofacial prosthetics, especially education and research into methods, techniques, and devices.

INFORMATION SERVICES: Answers brief inquiries; provides consulting services; makes referrals.

0142

AMERICAN ACADEMY OF OPTOMETRY

0142 c/o Dr. Carel C. Koch, Secretary
214-215 Foshay Tower
Minneapolis, Minn. 55402
Tel: (612) 333-2877

AREAS OF INTEREST: Optometry; physiological optics; ocular refraction; contact lenses.

PUBLICATIONS: *American Journal of Optometry* (monthly, with 44-year cumulative index); books, reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; sponsors a traveling book exhibit.

AMERICAN ACADEMY OF ORAL PATHOLOGY

0143 c/o Dr. George G. Blozis, Secretary-Treasurer
College of Dentistry
Ohio State University
Columbus, Ohio 43210

AREAS OF INTEREST: Dentistry; oral surgery; oral medicine; oral pathology; oral radiology; research pertinent to the oral regions.

PUBLICATIONS: *Oral Surgery, Oral Medicine, and Oral Pathology* (monthly, published by the C. V. Mosby Co.).

INFORMATION SERVICES: Provides consulting, reference, and referral services; provides diagnostic services pertaining to oral disease (both biopsy consultations and diagnostic consultations). Services are primarily for members, but are available to all dentists and physicians.

AMERICAN ACADEMY OF OSTEOPATHY

0144 P.O. Box 13354
Fort Worth, Tex. 76118
Tel: (817) 284-0831

AREAS OF INTEREST: Clinical investigation and patient care utilizing osteopathic structural diagnosis and osteopathic manipulative therapy in comprehensive health care; postdoctoral education for physicians.

HOLDINGS: Small collection of books and periodicals.

AMERICAN ACADEMY OF OPTOMETRY

PUBLICATIONS: Books, membership directory, annual yearbook.

INFORMATION SERVICES: Answers inquiries regarding educational program; provides reference services to osteopathic physicians.

AMERICAN ACADEMY OF PEDIATRICS

0145 P.O. Box 1034
Evanston, Ill. 60204

Location:
1801 Hinman Ave.
Evanston, Ill.
Tel: (312) 869-4255

AREAS OF INTEREST: Pediatrics; allergies; cardiology; diseases of the chest; military pediatrics; surgery.

HOLDINGS: The Academy supports the Clifford G. Grulee Pediatric Collection at the Crerar Scientific Library in Chicago.

PUBLICATIONS: Reports, directories, standards and specifications, bibliographies, periodicals, books, critical reviews.

INFORMATION SERVICES: Answers inquiries; provides consulting and limited reference services.

AMERICAN ASSOCIATION FOR AUTOMOTIVE MEDICINE

0146 c/o Dr. J. L. Weygandt, Secretary
716 Monroe St.
Sheboygan Falls, Wis. 53085
Tel: (414) 467-4798

AREAS OF INTEREST: Safety in ground transportation including care and transportation of injured persons safety precautions available to the driver and passenger, and automotive and highway design and construction; effects of drugs on driving performance effects of carbon monoxide.

PUBLICATIONS: *AAAM Quarterly* (bulletin, proceedings of annual meetings).

INFORMATION SERVICES: Answers inquiries; suggests speakers for interested groups.

AMERICAN ASSOCIATION FOR CONTAMINATION CONTROL

0147 6 Beacon St.

Boston, Mass. 02108
Tel: (617) 227-0760

AREAS OF INTEREST: Contamination control and related sciences in relation to environmental, biological, medical, and industrial situations.

HOLDINGS: Small collection of books, journals, reports, and Government publications.

PUBLICATIONS: *Journal of AACC* (semiannual); reports, directories, specifications, bibliographies, books.

INFORMATION SERVICES: Answers inquiries and provides reference and duplication services for fee; makes referrals free. Mail inquiries should include company letterhead.

AMERICAN ASSOCIATION FOR HEALTH, PHYSICAL EDUCATION, AND RECREATION

0148 1201 16th St. NW.
Washington, D.C. 20036
Tel: (202) 833-5541

A national affiliate of the National Education Association, the American Association for Health, Physical Education, and Recreation collaborates closely with the International Council on Health, Physical Education, and Recreation and works with the Bureau of Outdoor Recreation of the Department of the Interior, the U.S. Office of Education, the President's Council on Physical Fitness and Sports, and other agencies.

AREAS OF INTEREST: Health education; physical education; athletics; safety education; recreation and schools; development of teaching programs; outdoor activity education; sports facilities, equipment, and supplies.

HOLDINGS: A small reference library of books, journals, and reports.

PUBLICATIONS: *Research Quarterly*; *Journal of Health, Physical Education, Recreation* (9 issues a year); *School Health Review* (4 issues a year). Monographs and pamphlets are listed in the *NEA Publications Catalog* and the *AAHPER Publications List*.

INFORMATION SERVICES: Technical questions are answered, chiefly by correspondence, for members and professionals in the field. Students and the public are generally referred to the published literature for information. A consulting service is also available.

AMERICAN ASSOCIATION FOR INHALATION THERAPY

0149 3554 Ninth St.
Riverside, Calif. 92501
Tel: (714) 683-6510

The Association is sponsored by the American College of Chest Physicians and the American Society of Anesthesiologists.

AREAS OF INTEREST: Inhalation (respiratory) therapy.

HOLDINGS: Small collection of books, journals, and tape recordings of lectures given at annual meetings of the Association.

PUBLICATIONS: *Respiratory Care* (bimonthly); newsletters, career booklets, news releases. Reprints are available at cost.

INFORMATION SERVICES: Answers inquiries; makes referrals.

AMERICAN ASSOCIATION FOR LABORATORY ANIMAL SCIENCE

0150 P.O. Box 10
Joliet, Ill. 60434

Location:

4 East Clinton St.
Joliet, Ill.

Tel: (815) 727-9120

AREAS OF INTEREST: U.S. and foreign techniques of production, care, and study of animals used in biomedical research, including introduction of new species, anesthesia and restraint, postoperative care, design of animal quarter facilities, and problems of transportation.

PUBLICATIONS: *Laboratory Animal Science* (bimonthly); *ACP Bulletin* (bimonthly).

INFORMATION SERVICES: Answers inquiries; makes referrals.

AMERICAN ASSOCIATION FOR REHABILITATION THERAPY, INC.

0151 c/o Henry H. M. Meyers, President
2015 Shore Parkway
Brooklyn, N.Y. 11214
Tel: (212) 266-7011

AREAS OF INTEREST: Practice, procedures, and techniques of rehabilitation therapy; manual arts; education and vocational training; speech therapy;

education of the blind; medicine; gerontology; neurology; psychiatric behavior; neuropsychology; law; public relations.

HOLDINGS: Journals, reports.

PUBLICATIONS: *American Archives of Rehabilitation Therapy* (quarterly); *Rehabilitation Therapy Bulletin* (irregular); *Directory of Registered Therapists and Specialists* (annual).

INFORMATION SERVICES: Provides consulting services.

AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

0152 1515 Massachusetts Ave. NW.
Washington, D.C. 20005
Tel: (202) 467-4428

AREAS OF INTEREST: Advancement of the biological, physical, behavioral, and social sciences, and engineering.

HOLDINGS: 9,000 books and miscellaneous periodicals in the pure and applied sciences, including mathematics.

PUBLICATIONS: *Science* (weekly journal); *AAAS Bulletin* (quarterly); *Science Books* (quarterly); books (e.g., *Air Conservation*; *Estuaries*; *Research in the Antarctic*; *The AAAS Science Booklist*).

INFORMATION SERVICES: Answers inquiries; provides reference services; permits onsite use of collection on appointment; makes interlibrary loans of out-of-print AAAS publications.

AMERICAN ASSOCIATION OF AVIAN PATHOLOGISTS, INC.

0153 Department of Veterinary Microbiology
Texas A&M University
College Station, Tex. 77843
Tel: (713) 845-5941

AREAS OF INTEREST: Diseases of birds, particularly domestic species, including their characteristics, means of treatment, prevention, control, and eradication.

PUBLICATIONS: *Avian Diseases* (quarterly).

INFORMATION SERVICES: The Association provides information primarily through its publication, but some inquiries regarding bird diseases are referred to member specialists for reply.

AMERICAN ASSOCIATION OF BIOANALYSTS

0154 805 Ambassador Bldg.
St. Louis, Mo. 63101
Tel: (314) 241-1445

AREAS OF INTEREST: Bioanalysis, including chemistry, microbiology, hematology, and biochemistry; clinical laboratory evaluation; certification of directors and accreditation of laboratories.

HOLDINGS: A slides library.

PUBLICATIONS: *The Bulletin* (bimonthly); *Test of the Month* (monthly).

INFORMATION SERVICES: Provides consulting and advisory services to the clinical laboratory field and to Government; conducts nationwide external quality control program.

AMERICAN ASSOCIATION OF BLOOD BANKS

0155 30 North Michigan Ave., Suite 1322
Chicago, Ill. 60602
Tel: (312) 782-1977

The American Association of Blood Banks, which acts as a professional association for blood bankers, makes available through hospital and community blood banks whole blood and its derivatives and, nationwide, facilitates the exchange of blood and blood credits through its National Clearinghouse. It also coordinates plans for times of disaster.

AREAS OF INTEREST: Promotion of voluntary blood donation; standards for blood banks and transfusion services; exchange of blood and blood credits; medicolegal problems in blood transfusion; technical methods and procedures; education of technologists; blood component preparation; blood component therapy; rare blood donors.

HOLDINGS: The Association maintains reference laboratories at 27 locations nationwide and a Rare Donor File at the Central Office. The Rare Donor File accepts contributions of information from any laboratory performing blood grouping, typing, and cross-matching, or engaging in blood group research.

PUBLICATIONS: *Technical Methods and Procedures*; *Standards for Blood Banks and Transfusion Services*; *Manual of Blood Component Preparation*; *Blood Component Therapy--A Physician's Handbook*; *Medicolegal Problems in Blood Transfusion*; *Questions and Answers About Blood and Blood Banking*; *Transfusion* (technical journal, 6 issues a year); five seminar manuals and four workshop manuals;

Association information pamphlets. A publications list is available.

INFORMATION SERVICES: The reference laboratories provide serology studies and consultation to individual blood banks on problems related to transfusion therapy. The Central Office provides personalized consultation on technical, scientific, and administrative aspects of blood banking. Any physician or laboratory may call on the Rare Donor File for information without charge. Blood donor recruitment and recognition aids are available from the Central Office.

AMERICAN ASSOCIATION OF BOTANICAL GARDENS AND ARBORETUMS

0156 Department of Horticulture
New Mexico State University
University Park, N. Mex. 88070
Tel: (505) 646-0111

AREAS OF INTEREST: Botanical gardens; arboreta; horticulture; environmental improvement.

PUBLICATIONS: *Arboretum and Botanical Garden Bulletin* (quarterly).

INFORMATION SERVICES: Answers inquiries; makes referrals; provides reference services; provides consulting services for fee. Services are primarily for members.

AMERICAN ASSOCIATION OF CEREAL CHEMISTS, INC.

0157 1821 University Ave.
St. Paul, Minn. 55104
Tel: (612) 645-0219

AREAS OF INTEREST: Raw materials processes and products of the cereal oils, seeds, and pulses, and related industries, including analytical procedures and technological tests.

PUBLICATIONS: *Cereal Science Today* (monthly); *Cereal Chemistry* (bimonthly); books.

INFORMATION SERVICES: Answers inquiries; makes referrals. Services are primarily for members, but are provided to others as time and staff permit.

AMERICAN ASSOCIATION OF ENDODONTISTS

0158 c/o Dr. Robert A. Uchin, Secretary
P.O. Box 5520
Lighthouse Point, Fla. 33064
Tel: (305) 566-1101

AREAS OF INTEREST: Endodontics; oral pathology, surgery, and medicine; root canal therapy; preservation of natural dentition.

HOLDINGS: The Association maintains a library of books, journals, and reports at the School of Dentistry, Indiana University.

PUBLICATIONS: *AAE Newsletter* (quarterly); catalog of reprints.

INFORMATION SERVICES: The Association, through the Secretary, answers inquiries, provides consulting services for a fee, and distributes reprints of any article on file in its library at Indiana University. Onsite use of the Association's collection at Indiana University is permitted.

AMERICAN ASSOCIATION OF FOOT SPECIALISTS

0159 c/o Dr. Jerome J. Erman, Executive Secretary
1801 Vauxhall Rd.
Union, N.J. 07083
Tel: (201) 688-1616

AREAS OF INTEREST: Podiatry; podiatric surgery and dermatology.

HOLDINGS: Small reference collection of technical reports, journals, publication lists, and news releases.

PUBLICATIONS: *Journal of American Foot Specialists* (annual).

INFORMATION SERVICES: Answers written inquiries; provides consulting services; prepares analyses; makes referrals. Services are available to licensed podiatrists, scientists, and the general public.

AMERICAN ASSOCIATION OF HOSPITAL CONSULTANTS

0160 1700 K St. NW.
Washington, D.C. 20006
Tel: (202) 785-3434

AAHC is a professional organization dedicated to providing a high caliber, ethical source of expert consultation in the fields mentioned below through its membership composed of hospital consultants of wide experience and proven ability. It provides a central source for hospital administrators, board, and communities generally to obtain services of recognized consultants to assist in current and long-range planning of existing and new hospitals; to conduct or supervise community surveys; to evaluate the efficiency of hospital administration and organization or specific departments thereof; and to study the organization of medical staffs and the quality of their work.

AREAS OF INTEREST: Local and regional hospital and health surveys; analysis of need for hospital facilities and development of current and long-range program planning recommendations; hospital planning, construction, and equipment; organization, administration, and management of hospitals and related health agencies; medical staff organization and medical staff relations; medical audits.

PUBLICATIONS: *American Association of Hospital Consultants Directory* (biennial); *American Association of Hospital Consultants Membership Brochure* (annual).

INFORMATION SERVICES: Provides consulting and referral services; distributes reprints of articles by members and those pertinent to the field.

AMERICAN ASSOCIATION OF INDUSTRIAL NURSES, INC.

0161 79 Madison Ave.
New York, N.Y. 10016
Tel: (212) 685-0989

AREAS OF INTEREST: Occupational health nursing.

PUBLICATIONS: Guides, educational material, reprints, brochure. A publications price list is available.

INFORMATION SERVICES: Answers inquiries and provides limited advisory services free.

AMERICAN ASSOCIATION OF MEDICAL MILK COMMISSIONS, INC. AND CERTIFIED MILK PRODUCERS ASSOCIATION OF AMERICA, INC.

Joint Operating Committee

0162 American Association of Medical Milk Commissions, Inc.
405 Lexington Ave.
New York, N.Y. 10017

Tel: (212) 986-6939

The Certified Milk Producers Association membership includes dairy farms that produce Certified Milk; the farms are certified by local Medical Milk Commissions belonging to the American Association of Medical Milk Commissions, Inc., owner of the Certified Milk trademark.

AREAS OF INTEREST: Milk sanitation, production, and processing; dairy bacteriology; dairy science; veterinary science.

PUBLICATIONS: *Certified Milk Magazine* (quarterly); *Methods and Standards for the Production of Certified Milk* (annual).

INFORMATION SERVICES: Answers inquiries; makes referrals.

AMERICAN ASSOCIATION OF NURSERYMEN, INC.

0163 1425 H St. NW.
Washington, D.C. 20005
Tel: (202) 737-4060

AREAS OF INTEREST: Ornamental horticultural gardening and landscaping; nursery stock; horticultural standards; plant quarantines; nomenclature; trade practices and ethics; horticultural training and education; trade promotion; business management; marketing; Federal laws and administrative regulations of various Federal agencies with which the industry must comply.

HOLDINGS: Small working library.

PUBLICATIONS: The Association publishes regularly industry information bulletins, career leaflets, a research summary letter, an annual membership directory, glossary of horticultural and landscape terms, nursery stock standards, and an annual source directory.

INFORMATION SERVICES: Makes referrals. Technical questions on production problems are referred to extension specialists at State land grant colleges; inquiries not directly relating to the nursery industry are referred to other societies, organizations, or individuals.

AMERICAN ASSOCIATION OF OPHTHALMOLOGY

0164 1100 17th St. NW., Room 304
Washington, D.C. 20036
Tel: (202) 833-3447

AREAS OF INTEREST: Social medical aspects of eye care; health educational materials relating to medical eye care; ophthalmology as a vocation.

HOLDINGS: Small collection of periodicals.

PUBLICATIONS: Health educational leaflets on various subjects of eye care, surveys, reports, reprints.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; disseminates health educational leaflets, surveys, and reports published by the Association (single copies free); conducts correspondence course for ophthalmic medical assistants.

AMERICAN ASSOCIATION OF PSYCHIATRIC SERVICES FOR CHILDREN

0165 250 West 57th St.
New York, N.Y. 10019
Tel: (212) 582-1555

AREAS OF INTEREST: Child psychiatry; organization and standards of psychiatric services for children; training of child psychiatrists; training in clinical child psychology.

PUBLICATIONS: Newsletter, directory of members, standards for the profession.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals. Services are primarily for academic and professional persons. Students will generally be referred to other organizations.

AMERICAN ASSOCIATION OF STRATIGRAPHIC PALYNOLOGISTS

0166 c/o Mr. Robert T. Clarke
Mobil Research and Development Corp.
Field Research Laboratory
P.O. Box 900
Dallas, Tex. 75221
Tel: (214) 331-6531 Ext. 567

AREAS OF INTEREST: Palynology, especially its stratigraphic applications; palynological taxonomy.

HOLDINGS: Individual members of the Association maintain large palynological libraries.

PUBLICATIONS: Newsletter, proceedings volumes, contributions series.

INFORMATION SERVICES: Answers inquiries; makes referrals.

AMERICAN ASSOCIATION OF VETERINARY PARASITOLOGISTS

0167 Veterinary Medicine Administration Bldg.,
Room 321
Texas A&M University
College Station, Tex. 77843
Tel: (713) 845-2851

AREAS OF INTEREST: Veterinary parasitology.

HOLDINGS: Small reference collection of books and periodicals.

PUBLICATIONS: Abstracts of papers presented at annual convention.

INFORMATION SERVICES: Answers brief inquiries; makes referrals.

AMERICAN ASSOCIATION ON MENTAL DEFICIENCY

0168 5201 Connecticut Ave. NW.
Washington, D.C. 20015
Tel: (202) 244-8143

The Association is a professional, interdisciplinary organization for those engaged in the field of mental retardation.

AREAS OF INTEREST: Mental retardation, including aspects of administration, education, medicine, nursing, psychology, social work, private residential facilities, religion, physical therapy, recreation, resident living, speech pathology and audiology, vocational rehabilitation, dentistry, nutrition, and library science.

HOLDINGS: Collection of historical material relating to the organization of the Elwyn Institute, Elwyn, Pennsylvania.

PUBLICATIONS: *American Journal of Mental Deficiency* (bimonthly); *Mental Retardation* (bimonthly); *Mental Retardation Abstracts* (quarterly); *Directory of Residential Facilities* (every 3-4 years); *Directory of Members* (biannual). Monograph supplements to the *Journal* are issued irregularly.

INFORMATION SERVICES: The Association will answer or refer general inquiries on the field of retardation, the Association, or its activities or literature. Services are provided free.

AMERICAN ASTRONAUTICAL SOCIETY

0169 1629 K St. NW.
Washington, D.C. 20006
Tel: (202) 296-7397

0170

AREAS OF INTEREST: Astronautics; utilization of space; spacecraft; space flight; space environment; guidance; control; astrodynamics; bioastronautics; navigation; propulsion; orbits; trajectories; solar physics; radiation; planetary environment; flight mechanics; space medicine.

HOLDINGS: Books, journals, data.

PUBLICATIONS: *Journal of the Astronautical Sciences* (bimonthly); *Advances in the Astronautical Sciences* (proceedings issued in about four volumes a year); *Newsletter* (bimonthly).

INFORMATION SERVICES: Answers inquiries; makes referrals; makes materials available for purchase.

AMERICAN BIO-SYNTHETICS CORP.

0170 710 West National Ave.
Milwaukee, Wis. 53204
Tel: (414) 384-7017

AREAS OF INTEREST: Agriculture, including the development of animal health products, feed additives, etc.; general and polymer chemistry, including the development of new polymers; resins, including the development of new uses or applications; design and development of special automated laboratory pilot plant and processing equipment; biochemistry, including the preparations of hormones, enzymes, and other extracts and special materials from various plant, insect, bird, fish, and animal sources; amino acids, polypeptides, and related protein research and nutrition studies; environmental testing of foods, materials, and industrial equipment and component parts; high vacuum freeze drying (research and other vacuum processing); foods development, including high convenience and instant foods, food ingredients and additives, and flavor and nutritional improvements.

HOLDINGS: *Chemical Abstracts*, technical books, files of current Government tests and specifications for various materials.

INFORMATION SERVICES: Makes interlibrary loans.

Facilities include analytical and research laboratories and pilot plants.

AMERICAN BOARD FOR CERTIFICATION IN ORTHOTICS AND PROSTHETICS, INC.

0171 1440 N St. NW.
Washington, D.C. 20005
Tel: (202) 234-8400

AMERICAN BIO-SYNTHETICS CORP.

AREAS OF INTEREST: Certification of individuals engaged in the practice of orthotics and prosthetics; accreditation of orthotic-prosthetic patient care facilities.

HOLDINGS: A reference collection of books, journals, slides, photos, posters, bibliographies, and pamphlets.

PUBLICATIONS: *Registry of Certified Individuals and Accredited Facilities* (annual).

INFORMATION SERVICES: Answers brief inquiries; makes referrals; provides consulting services and short lists of literature citations in response to specific inquiries; permits onsite use of collection. Services are provided within the limits of available staff time.

AMERICAN BOARD OF COLON AND RECTAL SURGERY, INC.

0172 c/o Patrick H. Hanley, M.D., Secretary
1514 Jefferson Highway
New Orleans, La. 70121
Tel: (504) 834-7070

The American Board of Colon and Rectal Surgery, Inc. is sponsored by The American Proctologic Society, the Section on Colon and Rectal Surgery of the American Medical Association, the Section on Proctology of the Southern Medical Association, and The American College of Surgeons. It is not an educational body, but endeavors to determine that candidates for certification possess proper qualifications and awards certificates to those candidates who fulfill its requirements.

AREAS OF INTEREST: Certification of specialists in the diagnosis and treatment of diseases and anomalies of the colon, rectum, and anus; elevation of the practice and the standards of colon, rectal, and anal surgery.

HOLDINGS: The Board prepares and maintains a registry of Diplomates of the Board which is available to all who may be interested.

INFORMATION SERVICES: Provides information concerning the certification of specialists in the diagnosis and treatment of diseases and anomalies of the colon, rectum, and anus; makes referrals to other sources of information.

AMERICAN BOARD OF PHYSICAL MEDICINE AND REHABILITATION

0173 c/o Dr. Earl C. Elkins, Secretary-Treasurer
229 First National Bank Bldg.
Rochester, Minn. 55901
Tel: (507) 282-1776

AREAS OF INTEREST: Physical medicine and rehabilitation, including education and certification of physicians as specialists.

PUBLICATIONS: Pamphlets.

INFORMATION SERVICES: Answers inquiries; provides consulting services; prepares specialty examinations.

AMERICAN BRAHMAN BREEDERS ASSOCIATION

0174 4815 Gulf Freeway
Houston, Tex. 77023
Tel: (713) 923-2621

AREAS OF INTEREST: American brahman cattle; zebu cattle (*bos indicus*) of the world.

HOLDINGS: A registry of the brahman breed; a collection of books, journals, technical reports, newsletters, motion pictures, photos, slides, maps, charts, posters and other display materials, standards and specifications, reprints, pamphlets, news releases, and clippings.

PUBLICATIONS: *ABBA News* (monthly).

INFORMATION SERVICES: Answers inquiries; makes referrals; permits onsite use of collection.

AMERICAN CAMELLIA SOCIETY

0175 P.O. Box 212
Fort Valley, Ga. 31030
Tel: (912) 967-3258

AREAS OF INTEREST: The genus *Camellia*, L.; scientific research in its culture and pest control; standardization of its varietal names and registration of new varieties; breeding of cold resistant varieties.

HOLDINGS: A greenhouse collection and 7-acre garden of camellia varieties; 1,000 books, including rare books on camellias; original watercolors and prints of camellias; journals, reports, motion pictures, photos, data.

PUBLICATIONS: *Camellia Journal* (4 issues a year); *American Camellia Yearbook*.

INFORMATION SERVICES: Provides reference, consulting, and document services; permits onsite use of literature collections.

AMERICAN CAN CO.

Research and Development Department

Technical Information Center

0176 Research and Development Department
American Can Co.
433 North Northwest Highway
Barrington, Ill. 60010
Tel: (312) 381-1900 Ext. 337

AREAS OF INTEREST: Containers and packaging; food canning and processing; microbiology; metals; plastics; organic coatings; materials engineering; mechanical engineering; machinery engineering and development.

HOLDINGS: 3,000 books; 300 periodical titles; 1,000 reports.

INFORMATION SERVICES: Makes interlibrary loans.

AMERICAN CANCER SOCIETY, INC. MEDICAL LIBRARY

0177 219 East 42d St.
New York, N.Y. 10017
Tel: (212) 867-3700 Ext. 207

AREAS OF INTEREST: Medical, statistical, and public health aspects of oncology, and related subjects, such as biochemistry, cytology, and radiobiology.

HOLDINGS: 25,000 books; 560 journal titles; reports of research carried out under Society grants; a file of article reprints, indexed by author and subject; bibliographies, project data, motion pictures.

PUBLICATIONS: The Society publishes *Cancer* (monthly) and *CA-Cancer Journal for Clinicians* (bimonthly), both available by subscription. *Cancer News* (semiannual), pamphlets on various aspects of cancer, and proceedings of scientific symposia are distributed without charge.

INFORMATION SERVICES: The Medical Library acts as a clearinghouse for information on developments in the field of neoplastic diseases and aids in disseminating information to the national staff and the 60 divisions and other local units of the American Cancer Society throughout the United States. Services includes direct loan or interlibrary loan of books, journals, films, research reports, and article reprints. Literature searches are made in response to

specific requests. Current project data are made available, as are bibliographies.

AMERICAN CHEMICAL SOCIETY

0178 1155 16th St. NW.
Washington, D.C. 20006
Tel: (202) 737-3337 Ext. 279

AREAS OF INTEREST: Chemistry and chemical technology.

HOLDINGS: Books, journals, and reports in Publications Library.

PUBLICATIONS: *Journal of the American Chemical Society* (biweekly); *Journal of Organic Chemistry* (monthly); *Journal of Physical Chemistry* (monthly); *Biochemistry* (monthly); *Journal of Medicinal Chemistry* (bimonthly); *Inorganic Chemistry* (monthly); *Journal of Chemical Documentation* (quarterly); *Journal of Chemical and Engineering Data* (quarterly); *Chemical Reviews* (bimonthly); *Journal of Chemical Education* (monthly); *Chemical and Engineering News* (weekly); *Analytical Chemistry* (monthly); *Journal of Agricultural and Food Chemistry* (bimonthly); *Industrial and Engineering Chemistry* (monthly); *I&EC Process Design and Development* (quarterly); *I&EC Fundamentals* (quarterly); *I&EC Product Research and Development* (quarterly); *Chemistry* (monthly); *Environmental Science and Technology* (monthly); *Accounts of Chemical Research* (monthly); *Macromolecules* (bimonthly); *Chemical Technology* (monthly, starting January 1971); *Advances in Chemistry Series* (irregular).

INFORMATION SERVICES: Provides information through the Library; makes interlibrary loans; permits onsite reference.

Chemical Abstracts Service Division

0179 The Ohio State University
Columbus, Ohio 43210
Tel: (614) 422-5022
(614) 422-7552 (Library)

AREAS OF INTEREST: All aspects of chemistry and chemical engineering.

HOLDINGS: The Chemical Abstracts Service Division library holds approximately 12,000 chemical and chemical engineering journals from 106 countries and patents issued by 26 countries, all regularly monitored in the preparation of *Chemical Abstracts*.

PUBLICATIONS: *Chemical Abstracts* (weekly journal covering all chemistry and chemical engineering; includes titles, bibliographic citations, abstracts, and related indexes); *Chemical Abstracts on Microfilm* (issues on 16mm microfilm from 1907 to most recently microfilmed abstracts from *Chemical Abstracts* plus updates 8-10 times per year); *Basic Journal Abstracts* (biweekly computer-readable service covering 35 selected chemical journals; includes titles, bibliographic citations, and abstracts); *CA Condensates* (weekly computer-readable service; includes all titles, bibliographic citations, and Keyword Index phrases on magnetic tape from corresponding issue of *Chemical Abstracts*); *Chemical Titles* (biweekly journal and computer-readable service; includes titles and bibliographic citations from some 600 most active chemical journals); *Chemical-Biological Activities* (biweekly journal and computer-readable service covering literature reporting interactions of organic compounds with biological systems, related metabolism, and in-vitro chemical reactions; includes titles, bibliographic citations, digests, and related indexes); *Polymer Science and Technology* (weekly journal and computer-readable service covering polymer chemistry; includes titles, bibliographic citations, digests, and related indexes); *Chemical Abstracts Service Source Index, 1969 Edition* (journal containing bibliographic descriptions for the source literature of the chemical sciences with key to library holdings); *Chemical Abstracts Service Source Index Quarterly* (journal that updates information in *Chemical Abstracts Service Source Index*); *Ring Index, 1960 and supplements*; *SOCMA Handbook of Commercial Organic Chemical Names; Steroid Conjugates*. A list of publications and services is available from the Marketing Department of Chemical Abstracts Service.

INFORMATION SERVICES: All printed, periodical services are available by subscription. Microfilm and magnetic tape services are available as lease-subscriptions. Photocopies of original Russian papers held in the library are provided for a fee. The library is not open to the public, but it will answer inquiries or refer inquiries elsewhere.

AMERICAN CHIROPRACTIC ASSOCIATION

Department of Research and Statistics

0180 American Chiropractic Association
101 South Belmont St.
Glendale, Calif. 91205
Tel: (213) 244-3154

AREAS OF INTEREST: Human spine and related structures; anatomy and pathology of the spine; diagnosis of spinal ailments; relation of spinal pathologies to pathologies in other parts of the body; manipulative therapy and physiotherapy; chiropractic theory; chiropractic management.

HOLDINGS: Over 7,000 documents pertaining to the spine.

PUBLICATIONS: The Association publishes the monthly *ACA Journal*.

INFORMATION SERVICES: A bibliography service is provided free to professional and scientific societies and their members, and at cost to others. Abstracts and photocopies are provided at cost to all users.

AMERICAN COLLEGE OF CHEST PHYSICIANS

0181 112 East Chestnut St.
Chicago, Ill. 60611
Tel: (312) 787-4933

AREAS OF INTEREST: Medical education and research in diseases of the chest.

PUBLICATIONS: *Chest* (monthly journal); *Bulletin* (quarterly).

INFORMATION SERVICES: Answers brief inquiries from physicians; makes referrals, usually to one of the College's committees.

AMERICAN COLLEGE OF FOOT ORTHOPEDISTS

0182 c/o Dr. George Kinzel, Secretary
413 North Main St.
Thiensville, Wis. 53092
Tel: (414) 242-4000

AREAS OF INTEREST: Foot orthopedics, including the standardization of nomenclature and teaching methods; podiatry.

HOLDINGS: A reference collection of books, journals, and reports.

PUBLICATIONS: News journal, abstract journal, data compilations.

INFORMATION SERVICES: Provides consulting and document services; makes referrals.

AMERICAN COLLEGE OF OSTEOPATHIC INTERNISTS

0183 c/o Dr. Ralph J. Tomei, Secretary-Treasurer
3533 Ryan Ave.
Philadelphia, Pa. 19136
Tel: (215) 624-1212

AREAS OF INTEREST: Osteopathic internal medicine.

HOLDINGS: 300 data compilations; reprints.

INFORMATION SERVICES: Provides consulting services; prepares analyses; permits onsite use of collection.

AMERICAN COLLEGE OF OSTEOPATHIC PEDIATRICIANS

0184 c/o Mrs. Esther F. Martin, Executive Secretary
P.O. Box 488
Coral Gables, Fla. 33134

Location:

221 Catalonia Ave.
Coral Gables, Fla.
Tel: (305) 448-7071

An affiliate of the American Osteopathic Association, the American College of Osteopathic Pediatricians is an organization of osteopathic physicians and surgeons who are certified in or have a major interest in pediatrics.

AREAS OF INTEREST: Pediatric teaching and training in the osteopathic profession, including undergraduate, graduate (intern and resident), and postgraduate; immunizations; allergy; rheumatic fever; congenital heart disease.

PUBLICATIONS: *Maternal and Child Health* (monthly); membership directory.

INFORMATION SERVICES: Inquiries addressed to the Executive Secretary are referred to the appropriate committee for reply.

THE AMERICAN COLLEGE OF RADIOLOGY

0185 20 North Wacker Dr.
Chicago, Ill. 60606
Tel: (312) 236-4963

AREAS OF INTEREST: Radiology, including the ethics and economics of radiological practice, radiation hazards and protection, State radiation legislation,

0186

radiological technician training, health care insurance, roentgenology, radium therapy, nuclear medicine, X-rays, fallout, and dental use of X-rays.

PUBLICATIONS: *The American College of Radiology Bulletin* (monthly).

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services.

New Hampshire Chapter

0186 The American College of Radiology
c/o Dr. George Farmlett, Secretary-Treasurer
33 Round Bay Rd.
Laconia, N.H. 03246
Tel: (603) 524-4163

AREAS OF INTEREST: Scientific, socioeconomic, and legislative aspects of problems related to the practice of radiology in New Hampshire.

INFORMATION SERVICES: Provides consulting services; makes referrals.

AMERICAN COLLEGE OF SPORTS MEDICINE

0187 1440 Monroe St.
Madison, Wis. 53706
Tel: (608) 262-3632

AREAS OF INTEREST: All medical and scientific aspects of physical activity.

HOLDINGS: A limited library of books, periodicals, reports, pamphlets, newsletters, and clippings.

PUBLICATIONS: *Medicine and Science in Sports* (quarterly); newsletter (quarterly); proceedings of annual meeting (occasional).

INFORMATION SERVICES: Answers inquiries; makes referrals. Services are provided free to persons having a professional interest in sports medicine.

AMERICAN COLLEGE OF SURGEONS

0188 55 East Erie St.
Chicago, Ill. 60611
Tel: (312) 664-4050

AREAS OF INTEREST: Improvement of standards of surgery and care of the surgical patient; education of the profession and the public on the qualifications of surgeons, the ratings of hospitals, and on acceptable methods of treatment of illnesses and injuries; trauma program; cancer program.

THE AMERICAN COLLEGE OF RADIOLOGY

HOLDINGS: A registry of human organ transplantations (administered jointly with the National Institutes of Health); an extensive collection of rare books, documents, and appliances relating to the history of surgery, with particular emphasis on American surgery.

PUBLICATIONS: *Surgery, Gynecology, and Obstetrics* (monthly); *Bulletin of the American College of Surgeons* (10 times a year; not available by subscription); *Surgical Forum* (annual); *Directory of Fellows* (every third year); a catalog of surgical films for the teaching of surgery (annual).

INFORMATION SERVICES: Reference and referral services are available without charge to physicians, surgeons, and others judged to be engaged in bona fide research. The collection must be used on the premises.

AMERICAN COMMITTEE FOR INTERNATIONAL WILD LIFE PROTECTION

0189 c/o Secretariat
3900 Wisconsin Ave. NW., Suite S-176
Washington, D.C. 20016

AREAS OF INTEREST: The Committee assists and coordinates interests of United States organizations in international wildlife conservation activities in such areas as conservation treaties, endangered fauna and flora, parks and reserves, and ecological research.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

AMERICAN COMMITTEE ON ARTHROPOD-BORNE VIRUSES

Subcommittee for Arthropod-Borne Virus Information Exchange

0190 c/o Dr. Trygve O. Berge
American Type Culture Collection
12301 Parklawn Dr.
Rockville, Md. 20852
Tel: (301) 881-2600 Ext. 231

Under the sponsorship of the National Institutes of Health of the U.S. Public Health Service, the Committee serves as a clearinghouse of information for investigators engaged in research on arthropod-borne diseases.

AREAS OF INTEREST: Arthropod-borne viruses (isolation, classification, and behavioral characteristics).

servations, and comments submitted by researchers.
PUBLICATIONS: *Arthropod-borne Virus Information Exchange* (irregular); *Catalogue of Arthropod-borne Viruses*.

INFORMATION SERVICES: The Committee answers inquiries from investigators and makes referrals, but its primary means of exchanging information are its two publications (neither of which is a publication in the formal sense), which are distributed to about 210 researchers. In the case of a virus not yet described in a formal publication, the use of the *Catalogue* as a reference source requires the consent of the person making the registration.

AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS

0191 1014 Broadway
Cincinnati, Ohio 45202
Tel: (513) 684-3557

AREAS OF INTEREST: Industrial hygiene and occupational health, with emphasis on Threshold Limit Values for air contaminants, industrial ventilation, air sampling instruments, health services in small industries, and uniform industrial hygiene codes or regulations.

PUBLICATIONS: *Air Pollution Control Process Flow Sheets*; *Air Pollution Reference Library*; *Air Sampling Instruments Manual*; *Analytical Methods Manual*; *Bibliography of Radiation Protection Organizations*; *Guide to Records for Health Services in Small Industries*; *Guide to Uniform Industrial Hygiene Codes or Regulations*; *Standard Reports of Occupational Health Activities Among State and Local Health Agencies*; *Threshold Limit Values*; *Guide to Records and Reports for Evaluating Environmental Conditions in Industry*; *Transactions of Annual Meetings*. A publications list is available.

INFORMATION SERVICES: Answers inquiries; makes referrals.

AMERICAN CONGRESS OF REHABILITATION MEDICINE

0192 30 North Michigan Ave., Suite 922
Chicago, Ill. 60602
Tel: (312) 236-9512

AREAS OF INTEREST: Rehabilitation medicine.

Rehabilitation (monthly; published jointly with the American Academy of Physical Medicine and Rehabilitation); directories.

INFORMATION SERVICES: Answers inquiries; provides consulting services; provides duplication services of journal articles for fee; makes referrals. Services are available to physicians and paramedical personnel.

AMERICAN CORRECTIVE THERAPY ASSOCIATION, INC.

0193 c/o Mr. DonaeBill Olson, President
116 Cedar Rd.
Redwood Falls, Minn. 56283

AREAS OF INTEREST: Corrective therapy; adapted physical education; therapeutic and remedial physical education.

PUBLICATIONS: *American Corrective Therapy Journal* (bimonthly); newsletter, executive reports, brochures.

INFORMATION SERVICES: Pamphlets, informational materials, and specially prepared bibliographic pamphlets on certain disability areas from the *American Corrective Therapy Journal* are distributed on request. Individual inquiries are referred to appropriate individuals or committees. Corrective therapy brochures are sent only to members and colleges, universities, or agencies requesting them.

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC.

0194 1026 17th St. NW.
Washington, D.C. 20036
Tel: (202) 659-3766

AREAS OF INTEREST: Most areas of science and technology, including: abrasives; acoustic materials; adhesives; agricultural testing; air conditioning; aircraft components; air pollution; alcohols; alloys; antibiotics; appliances; asphalt and asphaltic concrete; automotive components; bacteriology; boilers; building materials; industrial carbon; cement and concrete; ceramics; chemistry; clay products; coal and coke; coatings; colloids; color measurements; corrosion; cosmetics; detergents; dielectrics; disinfectants; drugs; electrical testing; electrochemistry; electronics; electrophoresis; electroplating; engineering; environmental testing; explosives; fertilizers; food additives; food technology; fuels; gases;

geology; glass; graphite; gypsum products; heat transfer; hormones; hydraulics; instrumentation; insulation; isotopes; lubricants; mechanical testing; metallography; metallurgy; metals; microscopy; minerals; narcotics; nondestructive testing; nuclear materials; nutrition; oil well research; ores and concentrates; paints; paper; patents; paving materials; perfumes; pesticides; petrography; petroleum products; pharmaceuticals; photometry; plastics; poisons; radioisotopes; refractories; sampling; sand; sanitation; sewage; soaps; soils engineering; solvents; sonic testing; spectroscopy; steel; taste testing; textiles; tobacco; toxicology; ultrasonic testing; vitamins; waste analysis and treatment; water analysis and treatment; waterproofing; welding; wood products.

PUBLICATIONS: *A.C.I.L. Bulletin* (quarterly newsletter).

INFORMATION SERVICES: Makes referrals to member laboratories which, for a fee, provide various services, including sampling, inspection, testing, chemical analysis, research and development, quality control, and consulting. A *Directory* listing the laboratories and describing their services is distributed free.

AMERICAN DEHYDRATORS ASSOCIATION

0195 800 West 47th St.
Kansas City, Mo. 64112
Tel: (816) 531-3464

AREAS OF INTEREST: Dehydration of alfalfa for use in livestock and poultry feeds, including economic and statistical aspects.

HOLDINGS: Photos, slides, graphs and tables, technical reports, reviews, journals, pamphlets, raw data.

PUBLICATIONS: *Dehy Research News*; films, photos, slides, graphs and tables, newsletters, reprints, pamphlets, press releases.

INFORMATION SERVICES: Answers technical inquiries through correspondence; disseminates single copies of pamphlets free; makes referrals. Extensive services are provided only to members.

AMERICAN DENTAL ASSOCIATION

0196 211 East Chicago Ave.
Chicago, Ill. 60611
Tel: (312) 944-6730

AREAS OF INTEREST: All aspects of dentistry, including operative dentistry, oral surgery, orthodontics and oral development, pedodontics, periodontics, and prosthodontics; dental practice administration; dental public health; dental research; dental history; roentgenology.

HOLDINGS: The Association's Bureau of Library Services has collections of basic dental books in English and other languages; dental journals published in the United States and abroad; and package libraries consisting of copies of articles from the periodical literature arranged in folders according to specific subjects.

PUBLICATIONS: *The Journal of the American Dental Association* (monthly); *Dental Abstracts* (monthly); *Oral Research Abstracts* (monthly); *Index to Dental Literature* (quarterly); *Journal of Oral Surgery* (bimonthly); *American Dental Directory* (annual); *Guide to Dental Materials and Devices*, including *ADA Specifications for Dental Materials* (biennial); *ADA Leadership Bulletin* (biweekly); *ADA News* (biweekly); *Accepted Dental Therapeutics* (biennial handbook on drugs); *ADA Catalog* (annual, available free).

INFORMATION SERVICES: Services are primarily for members of the Association; requests by others are considered individually. Inquiries involving professional opinions are handled by specialists. The Bureau of Library Services answers most technical questions by lending package libraries for a fee. Books and dental journals are available for loan to members without charge. For nonmembers, interlibrary loans are provided. The Bureau has a photoduplication service and provides consultation in nomenclature and history.

Smoking and Health Project

0197 American Dental Association
211 East Chicago Ave., Suite 1928
Chicago, Ill. 60611
Tel: (312) 944-6730 Ext. 324

The Smoking and Health Project is sponsored by the U.S. Public Health Service.

AREAS OF INTEREST: Tobacco smoking educational program for the practicing dentist.

PUBLICATIONS: Educational materials for use by practicing dentists.

INFORMATION SERVICES: Answers inquiries from dentists.

AMERICAN DENTAL SOCIETY OF ANESTHESIOLOGY, INC.

0198 513 North Linn St.
Iowa City, Iowa 52240
Tel: (319) 338-7519

AREAS OF INTEREST: Anesthesiology in dentistry, including local and general anesthesia, analgesia, premedication, and the psychological approach to the dental patient.

HOLDINGS: Small collection of books, journals, and abstracts.

PUBLICATIONS: *Anesthesia Progress* (bimonthly); monthly newsletter.

INFORMATION SERVICES: Answers brief inquiries; provides advisory services; makes referrals.

AMERICAN ELECTROENCEPHALOGRAPHIC SOCIETY

0199 c/o Mrs. Margaret H. Henry, Executive Secretary
36391 Maple Grove Rd.
Willoughby Hills, Ohio 44094
Tel: (216) 946-5620

AREAS OF INTEREST: Electroencephalography.

INFORMATION SERVICES: Through the Executive Office, reports are available on minimal recording techniques for EEG, standards for electroencephalographers, recording cerebral death, and similar subjects. Referrals to appropriate committee chairmen or specialists in this area can be obtained on special requests.

AMERICAN EPILEPSY SOCIETY

0200 Dr. B. J. Wilder, Secretary
Division of Neurology
University of Florida
College of Medicine
Gainesville, Fla. 32601

AREAS OF INTEREST: Epilepsy, including scientific, professional, clinical, and research aspects.

PUBLICATIONS: *Epilepsia* (quarterly).

INFORMATION SERVICES: Answers written inquiries; makes referrals; provides short lists of literature citations in response to specific inquiries.

AMERICAN FEED MANUFACTURERS ASSOCIATION, INC.

0201 53 West Jackson St.
Chicago, Ill. 60604
Tel: (312) 427-0046

AREAS OF INTEREST: Animal and poultry feeds; feed production and marketing; animal nutrition; livestock management; industry careers.

PUBLICATIONS: Feed production books and manuals, booklets, brochures, reports.

INFORMATION SERVICES: Answers inquiries free.

AMERICAN FISHERIES SOCIETY

0202 1040 Washington Bldg.
15th St. and New York Ave. NW.
Washington, D.C. 20005
Tel: (202) 347-9717

AREAS OF INTEREST: Fishery science, including aquatic biology; fish diseases; estuarine biology; oceanography; economics; fish culture; limnology; water pollution; pesticides; herbicides; conservation in North America.

PUBLICATIONS: *Transactions of the American Fisheries Society* (quarterly) and its indexes; English language editions of the Russian scientific journals, *Journal of Ichthyology* and *Hydrobiological Journal*; *AFS Newsletter* (bimonthly); two brochures, *Fisheries as a Profession* and *North American Fisheries Policy*; reports. A publications price list is available.

INFORMATION SERVICES: Answers inquiries and makes referrals without charge.

AMERICAN FOREST INSTITUTE

0203 1835 K St. NW.
Washington, D.C. 20006
Tel: (202) 296-1591

AREAS OF INTEREST: Forest management; conservation, including fire prevention, insects, and diseases; watersheds; forest industry lands; tree farms; logging; sawmills and pulp mills and their products; organic chemicals produced by wood distillation and hydrolysis plants; plywood and veneer mills.

HOLDINGS: Booklets, slides, photos, maps, charts, forestry statistics, national tree farm records, reports.

PUBLICATIONS: *Bibliography of Teaching Aids*; news journal, proceedings, reports, state-of-the-art reviews.

0204

INFORMATION SERVICES: Provides reference and consulting services; makes referrals; makes evaluation of school textbooks; lends films and slides to educational institutions, industry, authors, and publishers; permits onsite reference to forestry statistics and national tree farm records at the discretion of the Institute.

AMERICAN FORESTRY ASSOCIATION

0204 1319 18th St. NW.
Washington, D.C. 20036
Tel: (202) 638-1820

AREAS OF INTEREST: Protection of forests from damage by fire, insects, and disease; soil conservation; watershed protection; wildlife management; timber management; forage production; forest research; resource surveys; assistance to private landowners and timber processors; taxation; forestry education; forest land ownership; outdoor recreation; wood utilization; world forestry.

HOLDINGS: Small reference library.

PUBLICATIONS: *American Forests* (monthly); books on tree identification; special reports and pamphlets related to forestry.

INFORMATION SERVICES: Answers inquiries; makes referrals; permits onsite use of literature collection.

AMERICAN FOUNDATION FOR BIOLOGICAL RESEARCH

0205 Route 5, Box 137
Madison, Wis. 53704
Tel: (608) 222-4163

AREAS OF INTEREST: Low temperature biology (cryobiology), including cryomedical subjects, cryoengineering, cryosurgery, and cryoophthalmology.

HOLDINGS: Small collection of reports.

PUBLICATIONS: Research reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; disseminates reprints of published papers on request. Services are primarily for scientists interested in cryobiology.

AMERICAN FOUNDATION FOR THE BLIND

0206 15 West 16th St.
New York, N.Y. 10011

AMERICAN FORESTRY ASSOCIATION

Tel: (212) 924-0420

AREAS OF INTEREST: Health, education, rehabilitation, and welfare of the blind and deaf-blind; sensory prostheses; sensory communications; visual prostheses; electronic and other devices and aids for the severely visually impaired and the deaf-blind; mobility devices; testing of devices; simulation of living systems; sociological aspects of blindness.

HOLDINGS: Books, journals, and statistical and demographic data on visual impairment.

PUBLICATIONS: *Research Bulletin* (quarterly); state-of-the-art reports, bibliographies, conference proceedings.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting and literature-searching services; maintains a Scan-Column Index and the IRIS Document Center for sensory research.

AMERICAN FROZEN FOOD INSTITUTE

0207 919 18th St. NW.
Washington, D.C. 20006
Tel: (202) 296-4080

AREAS OF INTEREST: Production, handling, and marketing of frozen foods.

HOLDINGS: 100 periodical titles.

PUBLICATIONS: Technical service bulletins, newsletters, reports.

INFORMATION SERVICES: Answers inquiries; provide consulting and reference services. Services are primarily for members of the Institute and are provided free to some users and at cost to others.

AMERICAN GENETIC ASSOCIATION

0208 1028 Connecticut Ave. NW.
Washington, D.C. 20036
Tel: (202) 659-2096

AREAS OF INTEREST: Genetics; botany; zoology; radiology; horticulture; cytology; biochemistry.

HOLDINGS: Thousands of photographs; educational demonstration materials.

PUBLICATIONS: *Journal of Heredity* (bimonthly).

INFORMATION SERVICES: Answers inquiries; acts clearinghouse for information on heredity. Photographs used in the *Journal* are available for use illustrating textbooks and for other educational purposes, and specific demonstration materials classrooms are distributed for a fee.

AMERICAN GUERNSEY CATTLE CLUB, INC.

0209 Main St.
Peterborough, N.H. 03458
Tel: (603) 924-3344

AREAS OF INTEREST: Registration of guernsey cattle; care and maintenance of pedigree files.

HOLDINGS: Statistics; small collection of books and periodicals.

PUBLICATIONS: Promotional literature.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, translation, and duplication services; makes referrals; permits onsite use of collection. Services are provided free to the general public.

AMERICAN HEART ASSOCIATION

0210 44 East 23d St.
New York, N.Y. 10010
Tel: (212) 477-9170

Film Library
267 West 25th St.
New York, N.Y. 10001

AREAS OF INTEREST: All aspects of cardiology and cardiovascular diseases; blood, cerebral, and kidney diseases in relation to the cardiovascular system; congenital heart disease; surgery; prevention and control of heart disease.

HOLDINGS: The Association Library houses about 2,200 books, 850 bound periodical volumes, 295 periodical subscriptions, and 75 vertical file drawers of pamphlets, reprints, and tearsheets. A collection of films and slides is maintained in the Film Library.

PUBLICATIONS: *Circulation* and *Circulation Research* (both monthly journals); *Stroke--A Journal of Cerebral Circulation* (bimonthly); *Modern Concepts of Cardiovascular Disease* (monthly bulletin); *The Heart Bulletin* (bimonthly); *Heart Research Newsletter* and *American Heart* (both quarterly); pamphlets, brochures.

INFORMATION SERVICES: Members of the medical staff answer specific questions or make referrals to other agencies. The Association Library provides reference services and permits onsite use of the literature collection by writers and other professional persons seeking background material in special fields. Films and slides may be rented from the Film Library.

AMERICAN HORTICULTURAL SOCIETY

0211 901 North Washington St., Suite 704
Alexandria, Va. 22314
Tel: (703) 683-3077 or 683-3087

AREAS OF INTEREST: Horticulture, including ornamental gardening, grasses, vegetables, fruits, flower arranging, and agriculture.

HOLDINGS: Library of more than 2,500 books.

PUBLICATIONS: *American Horticulture Magazine* (quarterly); *News and Views* (quarterly); special publications.

INFORMATION SERVICES: Technical inquiries are answered in most cases by referral to members of the Society. Services are free. The library lends books to members only.

Plant Records Center

0212 American Horticultural Society
P.O. Box 216
Lima, Pa. 19060
Tel: (215) 566-1782 or 566-5431

AREAS OF INTEREST: Information contained in the records of the botanical gardens and arboreta of North America relating to the cultivated ornamental (and native) plants grown in the United States, Canada, and Mexico.

HOLDINGS: Records of over 40,000 taxa (data in machine-retrievable form and on microfilm).

PUBLICATIONS: Directories and checklists.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals. Services are primarily for cooperating botanical institutions. Information is provided to individuals and institutions on a fee basis.

AMERICAN HOSPITAL ASSOCIATION

0213 840 North Lake Shore Dr.
Chicago, Ill. 60611
Tel: (312) 645-9400

AREAS OF INTEREST: All aspects of hospital administration and patient care, including dietary services, hospital safety, professional practice, community services, and patient rehabilitation; hospital auxiliaries and volunteer service; disaster planning; health careers.

HOLDINGS: The Association's Asa S. Bacon Memorial Library includes 26,000 books, 3,300 bound

0214

periodical volumes, 300 vertical file drawers of magazine articles, pamphlets, biographies, and photographs, and 600 journal subscriptions. In addition, as part of the Library, there are two special collections: the Ray E. Brown Management Collection of 250 titles and the Rare Books Collection of 180 titles.

PUBLICATIONS: *Hospitals* (semimonthly journal); *Trustee* (monthly journal for hospital governing boards); *The Volunteer Leader* (monthly journal for hospital auxiliaries); newsletters, pamphlets, brochures, manuals, and monographs. The Asa S. Bacon Memorial Library prepares the *Hospital Literature Index* (quarterly with annual and 5-year cumulative indexes). A publication catalog is available.

INFORMATION SERVICES: Members of the staff are available for consultation on specific technical problems. The Asa S. Bacon Memorial Library provides reference, literature-searching, and duplication services to members, and, by permission, to nonmembers. It also lends materials to members. Films and slides may be rented or purchased from the Film Library (a film catalog is available).

AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

0214 25711 Southfield Rd.
Southfield, Mich. 48075
Tel: (313) 836-0058

AREAS OF INTEREST: Industrial hygiene; air pollution; aerosols; analytical chemistry; biochemical assays; contaminant control ventilation; engineering; hygienic guides; ergonomics; noise; radiation; respiratory protective equipment; toxicology.

HOLDINGS: Books, journals.

PUBLICATIONS: *American Industrial Hygiene Association Journal* (6 issues a year); *Hygienic Guides Series*; *Respiratory Protective Devices Manual*; *Air Pollution Manual Part 2-Control*; *Analytical Guides*; *Community Air Quality Guides*; *Industrial Noise Manual*; *Heating and Cooling for Man in Industry*.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides reference services.

AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

AMERICAN INSTITUTE OF AERONAUTICS AND ASTRONAUTICS

Technical Information Service

0215 American Institute of Aeronautics and Astronautics
750 Third Ave.
New York, N.Y. 10017
Tel: (212) 867-8300

AREAS OF INTEREST: Aeronautics and astronautics, including aerodynamic deceleration systems; air breathing propulsion; aircraft design; aircraft operations; astrodynamics; astronomy; astrophysics; atmospheric environment; atmospheric flight mechanics; communications; electric power systems; electric propulsion; electronics; entry vehicles; flight testing; fluid dynamics; ground systems and equipment; ground testing and simulation; guidance and control; instrumentation; launch vehicles and missiles; law; life sciences and systems; liquid rockets; management; marine systems; materials; mathematics; meteorology; nuclear propulsion; physics; plasmadynamics; propellants and combustion; reliability and maintainability; solid rockets; space and atmospheric physics; spacecraft structural dynamics; structures; thermophysics; underwater propulsion.

HOLDINGS: 10,000 books; 2,000 pamphlets; 60,000 reports; 1,500 current serial titles in various languages and translations; extensive microfiche collection of published literature.

PUBLICATIONS: *International Aerospace Abstracts* (semimonthly); *Cumulated Index to International Aerospace Abstracts* (semiannual and annual).

INFORMATION SERVICES: Answers inquiries; make referrals; provides duplication and microfiche services for fee; permits onsite reference.

AMERICAN INSTITUTE OF BAKING

0216 400 East Ontario St.
Chicago, Ill. 60611
Tel: (312) 944-6577

AREAS OF INTEREST: Baking technology; food technology; nutrition and nutrition education; food plant sanitation; cereal chemistry.

HOLDINGS: A library of 7,000 books, 150 journal subscriptions, standards and specifications, motion pictures, photos, slides, posters and other displays.

materials, technical reports, abstracts, newsletters, reprints, publication lists, bibliographies, news releases, and clippings. Material is received in English, German, French, Spanish, Dutch, Swedish, and Czechoslovakian.

PUBLICATIONS: *American Institute of Baking News* (bimonthly); *Quarterly Index of Periodicals*; nutrition education teaching materials; technical reports, standards and specifications, reprints, pamphlets, news releases.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; furnishes laboratory tests of bakery ingredients and products; permits onsite use of collection.

AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES

0217 3900 Wisconsin Ave. NW.
Washington, D.C. 20016
Tel: (202) 244-5581

AREAS OF INTEREST: All aspects of biological sciences, including biological education.

HOLDINGS: 1,000 books; 50 periodical titles; 1,000 reports.

PUBLICATIONS: *BioScience* (biweekly); directories, reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals.

Bio-Instrumentation Advisory Council (BIAC)

0218 American Institute of Biological Sciences
3900 Wisconsin Ave. NW.
Washington, D.C. 20016
Tel: (202) 244-5581

AREAS OF INTEREST: Instrumentation for research and technological applications in the life sciences.

HOLDINGS: Books, reports, reviews, periodicals, abstracts, indexes, preprints, reprints, newsletters, publication lists, bibliographies, pamphlets, catalogs, photos, data.

PUBLICATIONS: Section in *BioScience*, the monthly journal of AIBS; "Information Modules" on theory, techniques, technology, and instrumentation, published as needed. A bulletin listing free publications is available.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services.

AMERICAN INSTITUTE OF CROP ECOLOGY

0219 809 Dale Dr.
Silver Spring, Md. 20910
Tel: (301) 589-4185

AREAS OF INTEREST: Bioclimatology and agroclimatology; comparison between analogous climatological areas in the United States and other countries and between analogous areas outside the United States; physical and plant geography; crop ecology; crop-climate relationships.

HOLDINGS: Meteorological records and biological data from various parts of the world, including phenological records of pure line crop varieties, clones, inbred lines, and hybrids, as well as their principal diseases and pests under similar and diverse environmental conditions; maps, charts, project records, tables, technical reports, books, monographs, journals, abstracts.

PUBLICATIONS: Technical reports and surveys of climatology and crop ecology of various countries. A list of publications and a descriptive brochure are available on request.

INFORMATION SERVICES: Answers brief inquiries free; provides consulting and translating services; performs research at cost.

AMERICAN INSTITUTE OF HOMEOPATHY

0220 2726 Quebec St. NW.
Washington, D.C. 20008
Tel: (202) 627-3997

AREAS OF INTEREST: Homeopathy and homeopathic therapeutics, including such aspects as the simile principle in therapy, the use of ultramolecular dynamizations, healthy human pharmacology, and psychosomatic individualization.

HOLDINGS: 1,500 books; 70 journal titles; reports, data, nonprinted material.

PUBLICATIONS: *Journal of the American Institute of Homeopathy* (quarterly); *Index Medicus Homeopathicus Cumulativus* (irregular).

INFORMATION SERVICES: Provides consulting, reference, translating, and document services.

AMERICAN INSTITUTE OF THE HISTORY OF PHARMACY

0221 353 Pharmacy Bldg.

0222

University of Wisconsin
Madison, Wis. 53706
Tel: (608) 262-4939

AREAS OF INTEREST: History of pharmacy; materia medica.

HOLDINGS: 130 file drawers of documents, illustrations, and records. The Institute also has access to the large collection of pharmaco-historical works maintained in the University of Wisconsin library. Major emphasis is given to developments in the United States since 1870, but materials are available for all periods and geographic regions of the Western World since the Middle Ages.

PUBLICATIONS: *Pharmacy in History* (quarterly); historical monographs, brochures, reports.

INFORMATION SERVICES: Answers brief inquiries; provides duplication services; makes referrals; permits onsite use of collection by members of the scientific and academic communities.

AMERICAN JOURNAL OF NURSING CO.

Sophia F. Palmer Library

0222 American Journal of Nursing Co.
10 Columbus Circle
New York, N.Y. 10019
Tel: (212) 582-8820

AREAS OF INTEREST: Nursing and nursing education; nursing studies and surveys; writing, journalism, and publishing.

HOLDINGS: 7,600 volumes, including a special historical collection of early nursing books and out-of-print textbooks.

PUBLICATIONS: The Library is responsible for the annual and 5-year cumulative indexes of two journals, *American Journal of Nursing* (1900 to date) and *Nursing Outlook* (1953 to date), and for the annual and 12-year cumulative index to *Nursing Research* (1952 to date), which includes an index to abstracts of nursing studies. All indexes are published by the American Journal of Nursing Co. The Library is also responsible for the editorial content and some indexing of the *International Nursing Index* (1966 to date) which the Journal Company publishes in cooperation with the National Library of Medicine, using the facilities of MEDLARS. It is a quarterly cumulative index to over 200 nursing journals as well as all nursing articles in more than 2,300 nonnursing journals currently indexed in *Index Medicus*.

AMERICAN JOURNAL OF NURSING CO.

INFORMATION SERVICES: Nurses doing graduate work and other researchers may use the Library by appointment only.

THE AMERICAN MALACOLOGICAL UNION, INC.

0223 c/o Mrs. Marian S. Hubbard, Recording Secretary
3957 Marlow Court
Seaford, N.Y. 11783
Tel: (516) 826-2117

AREAS OF INTEREST: Mollusks and their shells, living and fossil; taxonomy; parasitology; medical malacology; commercial fisheries; conservation and related pollution problems.

HOLDINGS: Reprints, pamphlets, publication lists.

PUBLICATIONS: Annual report bulletin containing abstracts of all papers read at annual meeting and up-to-date membership list; pamphlets.

INFORMATION SERVICES: Inquiries are referred to specialists within the organization.

AMERICAN MEAT INSTITUTE FOUNDATION

0224 59 East Van Buren St.
Chicago, Ill. 60605
Tel: (312) 922-4686

AREAS OF INTEREST: Meat packing industry; meat processing; methods of analyzing meat and meat products; nutrition; fats and oils, hides and skins, animal feedstuffs, and other meat byproducts.

HOLDINGS: Reference collection of books, periodicals, and reports.

PUBLICATIONS: Technical reports, annual report, conference proceedings.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; permits onsite use of literature collection.

AMERICAN MEDICAL ASSOCIATION

Archive-Library Department

0225 American Medical Association
535 North Dearborn St.
Chicago, Ill. 60610
Tel: (312) 527-1500

AREAS OF INTEREST: Clinical medicine; history of medicine; medical organizations; medical socioeconomics.

HOLDINGS: 2,600 journal subscriptions; books, reports, pamphlets, manuscripts. Some materials are on microfilm.

PUBLICATIONS: *Digest of Official Actions (AMA House of Delegates)* 1846-1958 and supplements; *Proceedings of the House of Delegates*; quarterly index to *JAMA*; semiannual indexes to each of 10 specialty journals; annual index to *Today's Health* magazine; annual index to *American Medical News*, which appears only in the microfilm edition; *Medical Socioeconomic Research Sources (MEDSOC)* (monthly, with cumulated annual index).

INFORMATION SERVICES: Physician members of the Association may use the Library at any time. Literature searches, loan of material, photocopying of selected material, and other information services are free to physician members. Others may use the Library on approval of a written application. Depending on the request, the Archive-Library may furnish pamphlets, reports, or photocopies without charge to nonmembers through library channels.

Department of Drugs

0226 American Medical Association
535 North Dearborn St.
Chicago, Ill. 60610
Tel: (312) 527-1500

AREAS OF INTEREST: All academic aspects of drug use and action, including efficacy and side effects; aspects of nomenclature, product identification, and drug information handling (indexing and storage). (The Department has no information collection about drug production quality, marketing policies, pricing, or drug consumption, and no extensive information assembly is attempted for nontherapeutic drugs, i.e., for substances producing pharmacological effects but not used for therapy, such as hallucinogens, poisons, etc.)

HOLDINGS: Five-year span of indexed periodical literature recording laboratory testing and clinical experience with newer drugs and reporting adverse side effects; standard reference books for basic pharmacology, therapy, toxicology, and identification of domestic and foreign drug products.

PUBLICATIONS: *AMA Drug Evaluations* (1st ed. 1971, to be revised semiannually); monographs on new drugs; special articles on drug therapy and adverse effects; *Cumulative List of United States Adopted Names* (revised periodically); special pamphlets.

information requests within the Department's areas of interest. Service is intended only for members of the medical profession, but all requests are honored by a policy of referral if a request makes search demands impractical to meet.

Department of Environmental, Public, and Occupational Health

0227 American Medical Association
535 North Dearborn St.
Chicago, Ill. 60610
Tel: (312) 527-1500

AREAS OF INTEREST: Environmental and public health; communicable diseases; air and water pollution; radiation; noise; population; product safety; occupational health and safety; occupational medicine; industrial hygiene; workmen's compensation; dusts, fumes, gases, and vapors; pneumoconioses; heavy metals; irritants; asphyxiants; solvents; carcinogens; pesticides; dermatitis.

HOLDINGS: Books, periodicals, reports, data.

PUBLICATIONS: Reports, guides, newsletters, statements, papers, speeches. A publications list is available.

INFORMATION SERVICES: Answers inquiries; provides reference, literature-searching, and consulting services; makes referrals. Services are primarily for physicians and allied health workers. Lay requests are referred to the AMA Department of Health Education.

Department of Foods and Nutrition

0228 American Medical Association
535 North Dearborn St.
Chicago, Ill. 60610
Tel: (312) 527-1500

AREAS OF INTEREST: Nutrition and diet; therapeutics and social aspects of nutrition; food science; food-borne illness.

HOLDINGS: Books, journals, reports, films, data.

PUBLICATIONS: Report/monograph series; *Western Hemisphere Nutrition Congress Proceedings*. A publications list is available.

INFORMATION SERVICES: Provides reference and document services; permits onsite use of collection.

Department of Health Education

0229 American Medical Association

0230

535 North Dearborn St.
Chicago, Ill. 60610
Tel: (312) 527-1500

AREAS OF INTEREST: Health education; physical education and fitness programs; medical aspects of sports; safety education; automotive safety; voluntary health agencies.

HOLDINGS: Books, journals, reports, data.

PUBLICATIONS: Books, reports, pamphlets, leaflets.

INFORMATION SERVICES: Provides health and safety education aids to physicians and medical societies; provides consultative services to health education personnel; answers health questions and develops wide variety of health publications for the public; promotes health education programs in schools and colleges; coordinates liaison activities with voluntary health agencies.

Department of Mental Health

0230 American Medical Association
535 North Dearborn St.
Chicago, Ill. 60610
Tel: (312) 527-1500

AREAS OF INTEREST: Psychiatry, mental health, and mental retardation, including alcoholism and drug dependence.

HOLDINGS: Journals, reports, films, data.

PUBLICATIONS: Report/monograph series, handbooks, manuals.

INFORMATION SERVICES: Provides consulting and reference services, primarily to physician members of the Association and allied health groups.

AMERICAN MEDICAL CENTER AT DENVER

0231 6401 West Colfax Ave.
Denver, Colo. 80214
Tel: (303) 233-6501

AREAS OF INTEREST: Chest diseases; metastatic cancer; breast cancer; cancer chemotherapy; tissue culture of malignant organs.

HOLDINGS: 1,000 books; periodicals.

PUBLICATIONS: Abstracts.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; makes referrals.

AMERICAN MEDICAL ASSOCIATION

AMERICAN MEDICAL WOMEN'S ASSOCIATION

0232 1740 Broadway
New York, N.Y. 10019
Tel: (212) 586-8683

AREAS OF INTEREST: Problems of special interest to women physicians; recruitment of women into the profession.

HOLDINGS: Small reference collection of books, journals, and reports.

PUBLICATIONS: *Journal of the American Medical Women's Association* (monthly); recruitment pamphlets.

INFORMATION SERVICES: Provides consulting services.

AMERICAN MEDICAL WRITERS ASSOCIATION

0233 c/o Mr. Charles Slack, Executive Secretary
6900 Grove Rd.
Thorofare, N.J. 08086
Tel: (609) 848-1000

AREAS OF INTEREST: Medical writing.

PUBLICATIONS: *AMWA Newsletter* (about 6 issues a year).

INFORMATION SERVICES: Provides consulting services; furnishes advice on the improvement of manuscripts on medical subjects intended for publication. Services are provided free or for fee, as negotiated.

AMERICAN MENTAL HEALTH FOUNDATION

0234 2 East 86th St.
New York, N.Y. 10028
Tel: (212) 737-9027

The Foundation is affiliated with the International Institute for Mental Health Research in Zurich and the World Federation for Mental Health in London.

AREAS OF INTEREST: Research in psychiatry, psychoanalysis, and psychotherapy; testing and establishing fundamental tenets of psychotherapeutic theory and techniques; reforms in the field of mental health, including the study of existing and proposed legislation and the development of a low-

AMERICAN NURSES
cost treatment method; evaluation of community and mental health agencies.

PUBLICATIONS: *Introduction to Psychoanalytic Group Therapy* (a text on principles and procedures); *Follow-Up Study of Persons Seeking Treatment* (biennial); *The Practice of Mental Health Groups*; *Increased Effectiveness in Psychoanalysis Translated into a Low-Cost, Intensive Treatment Method*.

INFORMATION SERVICES: Data derived from case histories and patient surveys are made available to anyone concerned with the problems of mental health. The Foundation offers general information services to the public and refers inquirers to treatment facilities, testing centers, and educational institutions.

THE AMERICAN MUSEUM OF NATURAL HISTORY

0235 Central Park West at 79th St.
New York, N.Y. 10024
Tel: (212) 873-1300

AREAS OF INTEREST: Animal behavior; anthropology; archeology; astronomy; biology; ecology; entomology; ethnology; fossil invertebrates; geology; herpetology; ichthyology; living invertebrates; mammalogy; micropaleontology; mineralogy; ornithology; vertebrate paleontology; zoology; classification and distribution; exhibition; education.

HOLDINGS: The research collections are a repository for tens of millions of anthropological, geological, and zoological specimens. The study collection of ethnological, archeological, and skeletal materials is one of the most comprehensive in the world. The Museum's General Library has almost 275,000 volumes devoted to the natural sciences. In addition, the Museum maintains the following special libraries: Hayden Planetarium Library; Osborn Library of Vertebrate Paleontology; Dean Memorial Library (ichthyology). The Division of Photography and Slides has 400,000 cataloged black and white negatives and 25,000 color slides.

PUBLICATIONS: A popular publication is *Natural History* (10 issues a year); scientific publications are *American Museum Novitates* (irregular), *Bulletin of the American Museum of Natural History* (irregular), *Anthropological Papers of the American Museum of Natural History* (irregular), and *Curator* (4 issues a year, a professional journal for museums).

INFORMATION SERVICES: The General Library, which is open to the public, provides bibliographic aid and

answers specific questions as time permits. The Osborn Library of Vertebrate Paleontology, the Dean Memorial Library, and the Hayden Planetarium Library may be consulted upon request by professionals and students. Photographs and slides are available for reference and purchase. The Education Department presents courses, lectures, and films to specific groups and the general public. The Museum sponsors research in its 12 scientific departments and at its five field stations and on expeditions to all parts of the world. Facilities of the five field research stations are open to qualified investigators in the biological sciences and in geology and astronomy. The field research stations are the Archbold Biological Station at Lake Placid, Florida; Kalbfleisch Field Research Station at Huntington, L.I., New York; Lerner Marine Laboratory at Bimini, Bahamas; Southwestern Research Station at Portal, Arizona; and Great Gull Island, New York.

AMERICAN NURSES' ASSOCIATION

0236 10 Columbus Circle
New York, N.Y. 10019
Tel: (212) 582-7230

AREAS OF INTEREST: All aspects of nursing and the nursing profession.

HOLDINGS: 4,000 books; journals, technical reports, pamphlets, standards and specifications, films, photos, slides, data compilations, reviews, newsletters, bibliographies, reprints, publication lists, press releases, clippings, maps and charts, posters, project records.

PUBLICATIONS: *American Journal of Nursing* (monthly); *Nursing Research* (quarterly); *ANA in Action* (newspaper for members); *Facts About Nursing* (annual); monographs, proceedings, reports, reprints, pamphlets, guides, leaflets, films, filmstrips. A publications list is available.

INFORMATION SERVICES: Answers inquiries; provides consulting services and short lists of literature citations in response to specific inquiries; provides statistical data on nurse population and on nursing; makes referrals. Services are primarily for members of the nursing profession, nursing students, and others in the health field, and are provided mainly through correspondence and personal visits to the ANA office.

0237

AMERICAN NURSES' FOUNDATION, INC.

Abstracting Service

0237 American Nurses' Foundation, Inc.
10 Columbus Circle
New York, N.Y. 10019
Tel: (212) 582-7230 Ext. 261

AREAS OF INTEREST: Research in nursing, including support through grants.

PUBLICATIONS: *Nursing Research Report*; *Directory of Nurses with Earned Doctoral Degrees* (1969, with annual supplements). The Abstracting Service also prepares abstracts of studies which are considered relevant to nursing for the abstracts section in the journal *Nursing Research*, published bimonthly by the American Journal of Nursing Co.

INFORMATION SERVICES: Answers inquiries.

AMERICAN OCCUPATIONAL THERAPY ASSOCIATION

0238 251 Park Ave. South
New York, N.Y. 10010
Tel: (212) 777-5890

AREAS OF INTEREST: Behavioral and physical sciences; general health programs in the community and allied health.

HOLDINGS: Central file of all organizational business, including education and membership policies and materials for implementing these policies.

PUBLICATIONS: *The American Journal of Occupational Therapy* (8 issues a year); *Bulletin on Practice* (4 to 6 issues a year); monthly newsletter, recruitment literature.

INFORMATION SERVICES: Answers inquiries; provides consulting services to foreign therapists and for allied health programs.

AMERICAN OIL CHEMISTS' SOCIETY

0239 35 East Wacker Dr.
Chicago, Ill. 60601
Tel: (312) 782-2455

AREAS OF INTEREST: Industrial technology of fats, detergents, and protective coatings, including synthesis and separation of industrial fat products, industrially

AMERICAN NURSES' FOUNDATION, INC.

oriented analyses and methods, and chemical alterations or processes for commercial fats and fatty acids; lipids, including basic metabolic experiments with lipids, nutritional and physiological responses to fats and other lipids, new information on the composition of natural lipids of plant or animal origin, biomedical studies on tissue lipids and their functions, and analytical methodology oriented toward research techniques rather than manufacturing process controls.

HOLDINGS: Books, periodicals, indexes, official and tentative methods, bound lectures and proceedings from special programs.

PUBLICATIONS: *The Journal of the American Oil Chemists' Society* (monthly, industrially oriented) and indexes to the *Journal* and its predecessor publications from 1917; *Lipids* (monthly, basic research oriented); *Short Course Lectures* (annual); *Official and Tentative Methods of Analysis* (revised annually); *Membership Directory* (annual).

INFORMATION SERVICES: Answers inquiries; makes referrals; dispenses official standard supplies; conducts two national technical meetings annually; conducts short courses; certifies referee chemists.

AMERICAN OPTICAL CORP.

Research Center Library

0240 American Optical Corp.
14 Mechanic St.
Southbridge, Mass. 01550
Tel: (617) 764-3211 Ext. 205

AREAS OF INTEREST: Physics; optics; microscopy; ophthalmology; glass technology.

HOLDINGS: 4,270 books; 195 journal subscriptions; 1,630 reports; a special collection of early works on optics.

INFORMATION SERVICES: Makes interlibrary loans; permits onsite use of collection by special arrangement.

AMERICAN OPTOMETRIC ASSOCIATION

0241 7000 Chippewa St.
St. Louis, Mo. 63119
Tel: (314) 832-5770

Washington Office:
1026 17th St. NW.

Washington, D.C. 20036
Tel: (202) 783-4010

AREAS OF INTEREST: Occupational vision; motorists' vision; highway safety; clinical techniques; contact lenses; orthoptics and visual training; ophthalmic standards; visual problems of children, adults, and the aged; public health and optometric care; vision research; aid to the partially sighted; urban optometry; vocational guidance.

HOLDINGS: Data.

PUBLICATIONS: *Journal of the American Optometric Association* (monthly); *AOA News* (monthly); educational materials such as brochures and charts.

INFORMATION SERVICES: Provides reference and consulting services; provides duplication services for fee; makes referrals.

AMERICAN ORCHID SOCIETY, INC.

0242 Harvard University Botanical Museum
Cambridge, Mass. 02138
Tel: (617) 868-7600 Ext. 2359

AREAS OF INTEREST: Orchids, their culture, breeding, botany and classification, ecology, phylogeny, conservation, and uses, including their uses as art subjects and as items of trade and commerce.

HOLDINGS: Small reference collection of books, journals, reports, films, photos, and data.

PUBLICATIONS: *American Orchid Society Bulletin* (monthly); *The Orchid Reporter* (intersociety newsletter; quarterly); *Awards Quarterly*; technical reports, conference proceedings, data handbook, bibliography, membership directory.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services.

AMERICAN ORTHOPSYCHIATRIC ASSOCIATION, INC.

0243 1790 Broadway
New York, N.Y. 10019
Tel: (212) 586-5690

AREAS OF INTEREST: Mental health; preventive psychiatry, especially incipient mental and behavioral disorders in children and youth; study and treatment of human behavior, with emphasis on the collaboration approach of the various behavioral, medical, and social sciences.

HOLDINGS: A library of books, periodicals, and reports.

PUBLICATIONS: *Orthoptic* (quarterly); bibliographies, membership directory.

INFORMATION SERVICES: Answers inquiries.

AMERICAN ORTHOPTIC COUNCIL

0244 c/o Dr. M. M. Parks, Secretary-Treasurer
3400 Massachusetts Ave. NW.
Washington, D.C. 20007
Tel: (202) 338-3680

AREAS OF INTEREST: Orthoptic profession, including training, examination, and certification of orthoptists.

HOLDINGS: Small collection of reports.

PUBLICATIONS: *American Orthoptic Journal* (annual); brochure.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

AMERICAN OSTEOPATHIC ASSOCIATION

0245 212 East Ohio St.
Chicago, Ill. 60611
Tel: (312) 944-2713

AREAS OF INTEREST: All phases of general and specialized medicine, with emphasis on disorders of the musculoskeletal system.

HOLDINGS: 7,500 books; 10,000 journal issues; 10,000 newsletters; 900 prints of 5 motion pictures; 3,000 photos; 6,000 slides; posters and other display materials, news releases, clippings, indexes, unevaluated data.

PUBLICATIONS: *Journal of the American Osteopathic Association* (monthly, with cumulative index); *The D.O.* (monthly); *Health* (monthly September-April, bimonthly May-August); *Yearbook and Directory of Osteopathic Physicians*.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; makes referrals; prepares analyses; permits onsite use of collection by Association members, osteopathic students, and qualified researchers.

0246

AMERICAN PHARMACEUTICAL ASSOCIATION FOUNDATION

Drug Standards Laboratory

0246 American Pharmaceutical Association
Foundation
2215 Constitution Ave. NW.
Washington, D.C. 20007
Tel: (202) 628-0113

AREAS OF INTEREST: Establishment of standards and tests for medicinal products, including verification and development of identity and purity tests, analytical methods, and other specifications for new drugs and their dosage forms.

HOLDINGS: Specialized library of over 2,000 volumes of reference books and periodicals on the pharmaceutical sciences.

INFORMATION SERVICES: Answers inquiries regarding drug standards and analytical procedures, but drugs are not tested by the Laboratory. Services are restricted to manufacturers and producers of drugs and to researchers in related areas of science and technology.

Library

0247 American Pharmaceutical Association
Foundation
2215 Constitution Ave. NW.
Washington, D.C. 20037
Tel: (202) 628-4410

AREAS OF INTEREST: Pharmacology; pharmacognosy; pharmaceutical research; official drugs and drug standards; analytical testing criteria for official drugs; scientific and educational aspects of pharmacy; legislation; economics of pharmacy; pharmacy administration; military, industrial, community, and hospital practice of pharmacy; history and technology of pharmacy; statistics on pharmacy and profession of pharmacy; career information.

HOLDINGS: 3,000 books; 10,000 journals and reports; historical artifacts of pharmacy; vertical files on health subjects. Material is received in English, Russian, Italian, Spanish, French, German, Greek, Hebrew, Japanese, and other languages.

PUBLICATIONS: The Foundation publishes *National Formulary* (revised every 5 years); *Journal of the American Pharmaceutical Association* (monthly); *Journal of Pharmaceutical Sciences* (monthly); *APhA Newsletter* (biweekly, distributed to members only).

AMERICAN PHARMACEUTICAL ASSOCIATION FOUNDATION

INFORMATION SERVICES: Answers inquiries; makes referrals; provides reference, consulting, and duplication services; makes interlibrary loans.

AMERICAN PHYSICAL THERAPY ASSOCIATION

0248 1156 15th St. NW., Suite 500
Washington, D.C. 20005
Tel: (202) 466-2070

AREAS OF INTEREST: The physical therapy profession and its relationship to educational and performance services in the U.S. and other countries.

HOLDINGS: Journals, reports, films, data, classified information.

PUBLICATIONS: *Physical Therapy* (monthly).

INFORMATION SERVICES: Provides assistance in screening of professional credentials, placement, identification of physical therapy facilities, and physical therapy literature references (fees may be charged for screening of credentials, but most services are free); provides consulting services, for which charges are determined individually, to administrators of facilities and educational institutions concerned with physical therapy; permits onsite use of literature collection; provides limited photocopying services.

AMERICAN PHYSIOLOGICAL SOCIETY

0249 9650 Rockville Pike
Bethesda, Md. 20014
Tel: (301) 530-3200 Ext. 291

AREAS OF INTEREST: All branches of physiology except plant physiology.

PUBLICATIONS: *American Journal of Physiology* (monthly); *Journal of Applied Physiology* (monthly); *Journal of Neurophysiology* (bimonthly); *Physiological Reviews* (quarterly); *The Physiologist* (quarterly, essentially a "house organ" for physiologists); *The Physiology Teacher* (quarterly, for physiology teachers); *Handbooks of Physiology* (comprehensive and critical presentations of the state of knowledge in various fields of physiology); brochures on careers in physiology (available free).

INFORMATION SERVICES: Answers inquiries.

AMERICAN PSYCHOANALYTIC ASSOCIATION

AMERICAN PHYTOPATHOLOGICAL SOCIETY

0250 c/o Mr. Raymond Tarleton, Executive Vice-President
1821 University Ave.
St. Paul, Minn. 55104

AREAS OF INTEREST: Phytopathology; general plant pathology; bacteriology and bacterial diseases; biological control of plant diseases; resistance to plant diseases through breeding; synthesis and action of agricultural chemicals, including fungicides, bactericides, and nematocides; aero and space biology; deterioration of plant products; physiology, ecology, and genetics of microorganisms; epidemiology; industrial microbiology; air pollution; mycology and mycotoxicology; nematology and nematode diseases; parasitic seed plants; physiology of parasitism; virology and virus diseases; soil-borne pathogens and diseases.

PUBLICATIONS: *Phytopathology*; *Phytopathology News*; *Phytopathological Classics*; *Phytopathological Monographs*; fungicides-nematocides testing; college source book of laboratory experiments; career brochure; 33 sets of slides on plant pathogens.

INFORMATION SERVICES: Answers inquiries; makes referrals.

AMERICAN PODIATRY ASSOCIATION

0251 20 Chevy Chase Circle
Washington, D.C. 20015
Tel: (202) 362-2700

AREAS OF INTEREST: Foot health information for the public and health professions; education for podiatry; Federal and State law as it relates to foot care; coverage of foot care under various health insurance plans; history of podiatry in America and Europe.

HOLDINGS: Approximately 1,000 volumes on the foot and related areas of medicine; periodicals, newsletters, bound volumes of podiatric journals, official reports and proceedings of the Association, reference materials.

PUBLICATIONS: *Journal of the American Podiatry Association* (monthly); directory, vocational information, audiovisual aids, reprints, brochures on foot health and the profession.

INFORMATION SERVICES: Answers inquiries; provides reference, abstracting, and duplication services; permits onsite use of collection.

0253

AMERICAN PSYCHIATRIC ASSOCIATION

0252 1700 18th St. NW.
Washington, D.C. 20009
Tel: (202) 232-7878

A medical society whose membership includes psychiatrists from the United States, Canada, Central America, and the Caribbean nations, APA includes among its activities assistance to state governments in conducting surveys of mental health resources and needs; administration of special study and conference projects; and operation of the APA Hospital and Community Psychiatry Service.

AREAS OF INTEREST: All aspects of current developments in psychiatry and related disciplines, such as psychology, psychoanalysis, clinical psychology, psychosomatic medicine, mental hospitals, nursing, and social work; history of psychiatry.

HOLDINGS: 6,000 books; 9,000 bound journals; 150 journal subscriptions; 30,000 reprints; 500 European dissertations; reports, pamphlets, data, archival material. The library, which is fairly complete on materials published since 1956, maintains an extensive reference collection on the history of psychiatry.

PUBLICATIONS: *American Journal of Psychiatry* (monthly); *Hospital and Community Psychiatry* (monthly journal); *Psychiatric News* (biweekly newspaper); books, monographs, reports. A publications list is available.

INFORMATION SERVICES: Pamphlets and other documents are distributed in answer to recurring questions. In reply to some inquiries, referral is made to other organizations and individuals. Reference service is available without charge. There are no restrictions on access to information for scientists in related fields; services for others are limited according to time and effort required. Photocopies of material may be purchased. Through a joint information service operated in collaboration with the National Association for Mental Health, facts and figures are compiled and disseminated, largely by means of original surveys, brief literature searches, and correspondence, utilizing the part-time services of medical staff specialists.

AMERICAN PSYCHOANALYTIC ASSOCIATION

0253 1 East 57th St.
New York, N.Y. 10022
Tel: (212) 752-0450

0254

AREAS OF INTEREST: Psychoanalysis, including professional standards, training standards, child analysis, and training facilities; psychology; psychiatry; medicine.

HOLDINGS: Reports, data.

PUBLICATIONS: *Journal of the American Psychoanalytic Association* (quarterly); roster of members (annual).

INFORMATION SERVICES: Provides reference services; makes referrals.

AMERICAN PSYCHOSOMATIC SOCIETY, INC.

0254 265 Nassau Rd.
Roosevelt, N.Y. 11575
Tel: (516) 379-0191

AREAS OF INTEREST: Psychosomatic medicine and research; psychobiology, including psychophysiology and psychoendocrinology; neurobiology of brain-body interrelationships; social factors in disease.

PUBLICATIONS: *Psychosomatic Medicine* (bimonthly).

INFORMATION SERVICES: Answers inquiries.

AMERICAN PUBLIC HEALTH ASSOCIATION

0255 1740 Broadway
New York, N.Y. 10019
Tel: (212) 245-8000

AREAS OF INTEREST: Public health aspects of dental health, engineering and sanitation, epidemiology, food and nutrition, laboratory procedures, maternal and child health, medical care, mental health, occupational health, radiological health, and school health; public health education and nursing; public health statistics.

HOLDINGS: Small reference collection.

PUBLICATIONS: *American Journal of Public Health and the Nation's Health* (monthly); *Health Laboratory Science* (quarterly); *Medical Care* (bimonthly); *Current Bibliography in Epidemiology* (monthly with annual cumulative issue); control handbooks, guidelines, laboratory procedures manuals. A publications price list is available.

INFORMATION SERVICES: Provides consulting and reference services.

AMERICAN PSYCHOSOMATIC SOCIETY, INC.

AMERICAN PULPWOOD ASSOCIATION

0256 605 Third Ave.
New York, N.Y. 10016
Tel: (212) 687-2272

AREAS OF INTEREST: Pulpwood, including technology, safety and training, statistics, forest management, legislation, harvesting, logging, transportation, storage, utilization, and conservation.

PUBLICATIONS: *The Pulpwood Annual*; *APA Quarterly*; *Technical Releases*; papers, legislative bulletins, statistical reviews, training guides, film directory, pamphlets. A price list is available.

INFORMATION SERVICES: Answers inquiries; provides consulting services to members and subscribers.

AMERICAN REGISTRY OF INHALATION THERAPISTS

0257 c/o Sister M. Yvonne, Registrar
St. Francis Hospital
La Crosse, Wis. 54602
Tel: (608) 782-8022

The American Registry of Inhalation Therapists is sponsored by the American Society of Anesthesiologists, the American College of Chest Physicians, and the American Association for Inhalation Therapy.

AREAS OF INTEREST: Inhalation therapy.

HOLDINGS: A directory of registered inhalation therapists.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

AMERICAN REGISTRY OF MEDICAL ASSISTANTS

0258 P.O. Box 39
Thompsonville, Conn. 06082

Location:

2 Nevins Ave.
Thompsonville, Conn.
Tel: (203) 745-8238

AREAS OF INTEREST: Medical assistants, including educational and professional standards; medical techniques.

HOLDINGS: Registry of medical assistants.

PUBLICATIONS: *ARMA Journal* and *The Medical Assistant* (both periodically).

INFORMATION SERVICES: Answers inquiries; makes referrals.

AMERICAN REHABILITATION FOUNDATION

Commission on Education in Physical Medicine and Rehabilitation

0259 American Rehabilitation Foundation
123 East Grant St.
Minneapolis, Minn. 55403
Tel: (612) 338-8761

The Commission is sponsored by the Social and Rehabilitation Service of the Department of Health, Education, and Welfare.

AREAS OF INTEREST: Survey and analysis of the structure of medical rehabilitation as a discipline; the improvement of existing programs of medical rehabilitation; study of medical student motivation and related aspects of career choice in medical specialization.

HOLDINGS: Collection of pamphlets, reprints, data compilations, and unevaluated data.

PUBLICATIONS: Reports of study results, in a continuing series (13 currently available).

INFORMATION SERVICES: Answers inquiries; provides consulting services; prepares analyses; conducts teaching institutes for faculty members of departments of physical medicine and rehabilitation.

AMERICAN ROSE SOCIETY

0260 4048 Roselea Pl.
Columbus, Ohio 43214
Tel: (614) 268-7577

AREAS OF INTEREST: Roses.

HOLDINGS: 1,000 slides; 16,000 newsletters.

PUBLICATIONS: *American Rose Magazine* (monthly); pamphlets on how to purchase and grow roses (available free).

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals.

AMERICAN SEED RESEARCH FOUNDATION, INC.

0261 Executive Bldg., Suite 964
1030 15th St. NW.
Washington, D.C. 20005

Tel: (202) 223-4080

AREAS OF INTEREST: Basic research on seed physiology, including the viability, vigor, aging, dormancy, disease transmission, and storage aspects.

PUBLICATIONS: *Search* (4 issues a year).

INFORMATION SERVICES: Answers inquiries.

THE AMERICAN SOCIETY FOR CYBERNETICS

0262 2121 Wisconsin Ave. NW.
Washington, D.C. 20007
Tel: (202) 338-8500

AREAS OF INTEREST: Cybernetics, as it applies to large teleological systems, their analysis, and applications to all related branches of the sciences.

HOLDINGS: Small working collection of books, periodicals, and reports.

PUBLICATIONS: Proceedings of the Society, brochure, reports, newsletter.

INFORMATION SERVICES: Answers inquiries; makes referrals.

AMERICAN SOCIETY FOR ELECTRO-ANESTHESIA

0263 c/o Dr. A. W. Richardson, President
Life Science II Bldg., Room 243
Southern Illinois University
Carbondale, Ill. 62901
Tel: (618) 453-8061

AREAS OF INTEREST: Electro-anesthesia, including instrument development; physiology; biophysics.

HOLDINGS: Collection of books, periodicals, and reports.

PUBLICATIONS: Abstracts, directories, bibliographies, reports, symposia proceedings.

INFORMATION SERVICES: Lends material to Society members, faculty and graduate students of universities, and libraries.

AMERICAN SOCIETY FOR HORTICULTURAL SCIENCE

0264 P.O. Box 109
St. Joseph, Mich. 49085

Location:
914 Main St.

0265

St. Joseph, Mich.
Tel: (616) 983-6723

AREAS OF INTEREST: Horticulture, including ornamental and landscape horticulture, pomology, vegetable crops, and floriculture; phytotoxic and physiological aspects of insecticides, fungicides, herbicides, and growth-regulator chemicals used in the production and marketing of fruits, tree nuts, vegetables, flowers, and ornamental plants.

HOLDINGS: 1,000 periodical titles, but limited number of back volumes and back issues; reprints, unevaluated data.

PUBLICATIONS: *HortScience* (quarterly); *Proceedings of the American Society for Horticultural Science* (annual, in two 800-1,000 page volumes).

INFORMATION SERVICES: Answers brief inquiries, primarily by referral to selected members of the Society; provides duplication services at cost.

AMERICAN SOCIETY FOR MICROBIOLOGY

0265 1913 I St. NW.
Washington, D.C. 20006
Tel: (202) 223-1305

AREAS OF INTEREST: Microbiology, including bacteriology, mycology, and virology.

HOLDINGS: Small reference collection of books and periodicals, including complete files of the Society's publications.

PUBLICATIONS: *Journal of Bacteriology* (monthly); *Applied Microbiology* (monthly); *Journal of Virology* (monthly); *Infection and Immunity* (monthly); *Bacteriological Reviews* (quarterly); *International Journal of Systematic Bacteriology* (quarterly, published for the International Association of Microbiological Societies); *Bacteriological Proceedings* (annual); *Antimicrobial Agents and Chemotherapy* (annual; discontinued after 1970 issue); books.

INFORMATION SERVICES: Makes referrals to member specialists or to others, as appropriate.

Section on Aquatic Microbiology

0266 American Society for Microbiology
c/o Dr. Samuel P. Meyers
Department of Food Science
Louisiana State University
Baton Rouge, La. 70803
Tel: (504) 388-5206

AREAS OF INTEREST: Marine and fresh-water microbiology; microbiology of water pollution.

AMERICAN SOCIETY FOR MICROBIOLOGY

PUBLICATIONS: *Aquatic Microbiology Newsletter* (3 times a year; announces research projects of members, research and testing capabilities of member institutions, employment opportunities for aquatic microbiologists, meetings and publications pertinent to aquatic microbiology, and prepublication notices of technical papers).

INFORMATION SERVICES: Answers inquiries; makes referrals to member specialists.

AMERICAN SOCIETY FOR OCEANOGRAPHY

0267 854 Main Bldg.
Houston, Tex. 77002
Tel: (713) 227-4411

AREAS OF INTEREST: Oceanography.

PUBLICATIONS: *American Oceanography* (monthly newsletter); reports on research, legislation, and worldwide activities; proceedings, brochures.

INFORMATION SERVICES: Answers inquiries; provides consulting services; furnishes speakers for high schools, colleges, and civic groups; provides advisory committees on educational curricula and industrial research; sponsors oceanography symposia. Services are provided without charge.

AMERICAN SOCIETY FOR PSYCHOPROPHYLAXIS IN OBSTETRICS, INC.

0268 7 West 96th St.
New York, N.Y. 10025
Tel: (212) 866-4040

AREAS OF INTEREST: The Lamaze method of childbirth; obstetrics.

PUBLICATIONS: *Childbirth Education* (quarterly professional journal); quarterly newsletter, motion pictures.

INFORMATION SERVICES: Answers brief inquiries; provides speakers; makes referrals; maintains a teacher training program.

AMERICAN SOCIETY FOR THE ADVANCEMENT OF GENERAL ANESTHESIA IN DENTISTRY

0269 c/o Dr. M. O. Balaban, Executive Secretary
161 West 54th St.
New York, N.Y. 10019

AREAS OF INTEREST: Use of general anesthetics in dentistry; pain control in the dental patient (amnesia, chemnesia, analgesia, anesthesia).

INFORMATION SERVICES: Answers inquiries; provides consulting services and reprints of scientific articles; prepares state-of-the-art studies; makes referrals; conducts seminars and clinics (small group studies).

AMERICAN SOCIETY OF ABDOMINAL SURGEONS

0270 675 Main St.
Melrose, Mass. 02176
Tel: (617) 665-6102

AREAS OF INTEREST: Abdominal surgery (basic sciences, surgical anatomy, pathology, and physiology).

HOLDINGS: Small collection of surgical textbooks, periodicals, and reports.

PUBLICATIONS: *Journal of Abdominal Surgery* (monthly); monographs and textbook series.

INFORMATION SERVICES: Answers inquiries; provides consulting services; conducts courses for fee. Services are available to surgeons and other physicians.

AMERICAN SOCIETY OF ADLERIAN PSYCHOLOGY

0271 4419 Cedar St.
Minneapolis, Minn. 55407
Tel: (612) 729-1439

AREAS OF INTEREST: Psychology, especially school and clinical psychology; psychiatry; family education centers; social work.

PUBLICATIONS: *The Journal of Individual Psychology* (biannual); *Individual Psychologist* (biannual); books, tapes, newsletters.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; disseminates papers and speeches by members of the Society.

AMERICAN SOCIETY OF AGRONOMY

0272 677 South Segoe Rd.
Madison, Wis. 53711
Tel: (608) 238-4222

The Society is closely associated with the Crop Science Society of America and the Soil Science Society of America. Society com-

mittees cover such subjects as International Agronomy, Public Service, Visiting Scientists, Achievement Awards, Student Activities, and Information Retrieval. Representatives maintain liaison with National Science Foundation, National Academy of Sciences, American Grasslands Council, AAAS, AIBS, American Meteorological Society, and other groups.

AREAS OF INTEREST: Agronomic education; agronomic extension; land use and management; climatology; soil physics; soil chemistry; soil fertility; plant nutrition; fertilizer technology and use; soil microbiology; soil genesis, morphology, and classification; soil and water management and conservation; forest and range soils; crop breeding, genetics, and cytology; crop physiology and metabolism; crop ecology, production, and management; crop quality and utilization; turfgrass management; seed production.

HOLDINGS: Back issues of *Agronomy Journal* (62 vols.). The Society shares a reference library of 600 books and several hundred pamphlets with two associated societies, the Crop Science Society of America and the Soil Science Society of America.

PUBLICATIONS: *Agronomy Journal* (bimonthly); *Crops and Soils* (9 issues a year); *Agronomy Abstracts* (annual); agronomy monographs (such as *Methods of Soil Analysis*, *Soil Nitrogen*, *Wheat*); special publication series (such as *Forage Economics*, *Potassium*, *Physiology of Crop Yield*, and *Nutrient Mobility in Soils*).

INFORMATION SERVICES: Answers inquiries; makes referrals; distributes some free publications; makes other publications available by subscription and purchase.

THE AMERICAN SOCIETY OF CLINICAL PATHOLOGISTS

Board of Schools

0273 The American Society of Clinical Pathologists
2100 West Harrison St.
Chicago, Ill. 60612
Tel: (312) 738-1336

AREAS OF INTEREST: Educational programs in medical laboratory technology; approval of schools of medical technology, including schools for certified laboratory assistants, for cytotechnologists, and for histologic technicians.

PUBLICATIONS: Guide-Books for each of the approved programs (free to directors and education

0274

coordinators of approved programs, to science advisors of accredited colleges and universities, to high school counselors, and to other interested groups or individuals); series of newsletters.

INFORMATION SERVICES: Provides advice on the establishment and operation of existing programs and consultation on the development of new types of programs to meet the changing demands of the medical laboratory field (onsite consultations can be arranged contingent upon reimbursement of the expenses of the consultant); conducts regional workshops and meetings to improve the level of understanding of accreditation in the field and curriculum development for the medical laboratory field as a whole.

AMERICAN SOCIETY OF ENOLOGISTS

0274 P.O. Box 411
Davis, Calif. 95616
Tel: (916) 752-0385

AREAS OF INTEREST: Enology; viticulture; wine and grape industries.

PUBLICATIONS: *American Journal of Enology and Viticulture* (quarterly); quarterly bulletin, annual report.

INFORMATION SERVICES: Answers inquiries; provides bibliographic services; makes referrals.

AMERICAN SOCIETY OF HOSPITAL PHARMACISTS

0275 4630 Montgomery Ave.
Bethesda, Md. 20014
Tel: (301) 657-3000

AREAS OF INTEREST: Hospital pharmacy practice, including intrahospital drug distribution systems, drug information services, automation in hospital pharmacy, improved packaging, and hospital pharmacy planning and design; drugs, including physical-chemical properties and formulation into dosage forms; drug products, including indications for use, stability, desirable and undesirable effects, and listing of those commercially available and those commonly prepared in pharmacies; history, ethics, education, and sociology of pharmacy; pharmacopoeias; pharmacognosy; investigational drugs.

HOLDINGS: Reference collection of books, periodicals, reports, and catalogs of drug manufacturers.

AMERICAN SOCIETY OF ENOLOGISTS

PUBLICATIONS: *American Hospital Formulary Service* (a continuing, looseleaf subscription service); *International Pharmaceutical Abstracts* (biweekly); *American Journal of Hospital Pharmacy* (monthly).

INFORMATION SERVICES: Answers inquiries; makes referrals; provides reference and consulting services; conducts education workshops for hospital pharmacists.

AMERICAN SOCIETY OF HUMAN GENETICS

0276 c/o Dr. Walter E. Nance, Secretary
Indiana University Medical Center
1100 West Michigan St.
Indianapolis, Ind. 46202
Tel: (317) 264-7966

AREAS OF INTEREST: Human genetics.

PUBLICATIONS: *American Journal of Human Genetics* (bimonthly); abstracts.

INFORMATION SERVICES: Answers inquiries.

AMERICAN SOCIETY OF LIMNOLOGY AND OCEANOGRAPHY

0277 c/o W. K. Kellogg Biological Station
Michigan State University
Hickory Corners, Mich. 49060
Tel: (616) 671-5144

AREAS OF INTEREST: All aspects of fresh and marine waters; water quality; manpower in aquatic sciences; sources of limnological and oceanographic apparatus and supplies.

PUBLICATIONS: *Limnology and Oceanography* (bimonthly journal, available by subscription); reports, pamphlets.

INFORMATION SERVICES: Answers brief inquiries; provides limited career information. Requests for consultation by governmental and nonprofit organizations are referred to members or committees of the Society.

AMERICAN SOCIETY OF PSYCHOSOMATIC DENTISTRY AND MEDICINE

0278 c/o Dr. Leo Wollman, Editor
2802 Mermaid Ave.
Brooklyn, N.Y. 11224

AMERICAN SPEECH AND HEARING ASSOCIATION

0283

Tel: (212) 372-4569

AREAS OF INTEREST: Psychosomatic aspects of dentistry and medicine, including psychology and hypnosis.

HOLDINGS: Small collection of books.

PUBLICATIONS: *Journal of the American Society of Psychosomatic Dentistry and Medicine* (quarterly); abstracts, critical reviews.

INFORMATION SERVICES: Answers inquiries; makes referrals.

AMERICAN SOCIETY OF RADIOLOGIC TECHNOLOGISTS

0279 645 North Michigan Ave.
Chicago, Ill. 60611
Tel: (312) 944-3410

AREAS OF INTEREST: Radiologic technology, including diagnostic X-ray, nuclear medicine technology, and radiation therapy technology.

PUBLICATIONS: *Radiologic Technology* (bimonthly technical journal); *ASRT Scanner* (bimonthly newsletter, for members only).

INFORMATION SERVICES: Answers specific questions; makes referrals; conducts educational programs for radiologic technologists.

AMERICAN SOCIETY OF SANITARY ENGINEERING

0280 228 Standard Bldg.
Cleveland, Ohio 44113
Tel: (216) 621-8520

AREAS OF INTEREST: All aspects of sanitary engineering, including plumbing; gas and water supplies; drainage; sanitation codes; lake, river, ocean, and underground water pollution; radioactive waste disposal; sewage disposal; water purification; health as related to sanitation.

PUBLICATIONS: *ASSE Newsletter* (monthly); *Yearbook of the American Society of Sanitary Engineering*.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides reference services.

AMERICAN SOCIETY OF SUGAR BEET TECHNOLOGISTS

0281 156 South College Ave.
Fort Collins, Colo. 80521

Tel: (303) 482-8509

AREAS OF INTEREST: Production and processing of sugar beets; research related to the sugar beet industry, including agronomy, genetics in terms of variety improvements, entomology, plant pathology, agricultural engineering, and beet sugar chemistry.

HOLDINGS: A collection of journals and reports, including foreign literature and data obtained by exchange with Germany, Sweden, England, the Netherlands, Belgium, Denmark, and Israel.

PUBLICATIONS: *Journal of the American Society of Sugar Beet Technologists* (quarterly).

INFORMATION SERVICES: Answers technical inquiries or refers inquiries to member specialists; makes available unpublished data in the Society's files; provides loans and photocopies of documents on request. A nominal charge is made for volume orders.

AMERICAN SOCIETY OF VETERINARY OPHTHALMOLOGY

0282 c/o Dr. E. J. Catcott, Secretary
234 Rametto Rd.
Santa Barbara, Calif. 93108
Tel: (805) 969-4625

AREAS OF INTEREST: Veterinary ophthalmology.

HOLDINGS: Small collection of reports.

PUBLICATIONS: Proceedings of annual scientific program, newsletter, indexes, directory, bibliographies.

INFORMATION SERVICES: Provides reference and duplication services; conducts home study course for members; makes referrals. Services are primarily for members.

AMERICAN SPEECH AND HEARING ASSOCIATION

0283 9030 Old Georgetown Rd.
Bethesda, Md. 20014
Tel: (301) 530-3400

AREAS OF INTEREST: Nature, processes, and disorders of speech, hearing, and language, including voice disorders, aphasia, cerebral palsy, cleft palate, delayed speech, laryngectomy, and stuttering; anatomy and physiology; auditory skills and training; psychoacoustics; audiometry; auditory feedback; hearing aids; phonetics; semantics; therapeutic techniques for speech and hearing disorders.

HOLDINGS: Journals, reports.

0284

PUBLICATIONS: *dsh Abstracts* (quarterly, prepared in cooperation with Gallaudet College); *Journal of Speech and Hearing Disorders* (quarterly); *Journal of Speech and Hearing Research* (quarterly); *Language, Speech and Hearing Services in Schools* (quarterly); *ASHA Monographs* (irregular); *ASHA* (monthly news journal).

INFORMATION SERVICES: Answers technical inquiries and inquiries from the public and students about the speech and hearing profession and clinical facilities.

AMERICAN THORACIC SOCIETY

0284 1740 Broadway
New York, N.Y. 10019
Tel: (212) 245-8000

AREAS OF INTEREST: Thoracic and respiratory diseases, including tuberculosis and pulmonary disorders.

PUBLICATIONS: *American Review of Respiratory Diseases* (monthly).

INFORMATION SERVICES: Answers inquiries from serious inquirers within the limits of available time.

AMERICAN TOBACCO CO.

Department of Research and Development Library

0285 American Tobacco Co.
P.O. Box 799
Hopewell, Va. 23860

Location:
Enon Church Rd.
Bermuda Hundred, Va.
Tel: (703) 748-4561

The American Tobacco Co. is a division of American Brands, Inc.

AREAS OF INTEREST: Tobacco; biochemistry; engineering; mathematics; nuclear chemistry; physics; plant physiology; production quality control; radiochemistry.

HOLDINGS: 5,000 books; 200 periodicals, including abstract and index journals; 10,000 separate abstracts; 20,000 reprints; articles and theses on 35mm microfilm; publication lists, bibliographies, translations, pamphlets, clippings, newsletters.

PUBLICATIONS: Acquisitions list.

INFORMATION SERVICES: Answers brief inquiries; permits limited onsite use of collection by arrangement.

AMERICAN THORACIC SOCIETY

Facilities include 3M microfilm reader-printer, Flexowriter automatic writing machine, and a Xerox copier.

AMERICAN TYPE CULTURE COLLECTION

0286 12301 Parklawn Dr.
Rockville, Md. 20852
Tel: (301) 881-2600

The Collection is devoted to the preservation of reference cultures of microbes, viruses, and cell lines and their distribution to the scientific community.

AREAS OF INTEREST: Microorganisms; viruses; cells; bacteria; algae; protozoa; freeze-drying of cultures.

HOLDINGS: Large collection of diverse microorganisms; small collection of books, periodicals, and reports.

PUBLICATIONS: Catalog of strains, annual report, other reports, directories, bibliographies.

INFORMATION SERVICES: Answers inquiries; provides reference services; makes interlibrary loans; conducts seminars; permits onsite use of literature collection. A freeze-drying service for cultures is available and cultures are for sale.

AMERICAN UNIVERSITY

Immunogenetics Laboratory

0287 Department of Biology of American
University
Sibley Memorial Hospital
5255 Loughboro Rd.
Washington, D.C. 20016
Tel: (202) 363-9600 Ext. 583

AREAS OF INTEREST: Transplantation biology of the maternal-fetal relation; tumor immunity; immunogenetics; laboratory animal science.

HOLDINGS: Collection of reprints.

PUBLICATIONS: Articles in scientific journals.

INFORMATION SERVICES: Answers inquiries and provides advisory services within limits of available time. Services are primarily for specialists.

AMERICAN WATER RESOURCES ASSOCIATION

0288 P.O. Box 434
Urbana, Ill. 61801

Location:

130 North Race St.
Urbana, Ill.
Tel: (217) 367-9695

AREAS OF INTEREST: All aspects of water resources, including water pollution, irrigation, ground water, surface water, meteorology, and drainage.

HOLDINGS: 300 periodicals, and annuals, biennials, monographs, bulletins, etc., all located in the American Water Resources Library and Archives administered by the Association.

PUBLICATIONS: *Water Resources Bulletin Journal*, which includes the *Water Resources Newsletter* (bimonthly); *Hydata* (monthly review and index of 300 journals on water resources); *Water Resources Abstracts* (monthly); *Proceedings of the American Water Symposium* (annual).

INFORMATION SERVICES: Makes referrals to specialists in the water resources field.

AMERICAN WINE ASSOCIATION

0289 c/o A. M. Buchman, General Counsel
10 East 40th St.
New York, N.Y. 10016
Tel: (212) 679-4410

AREAS OF INTEREST: Wine production and sales; viticulture; Federal and State laws controlling the manufacture and sale of wine.

INFORMATION SERVICES: Answers inquiries from all Government agencies; provides consulting services; makes referrals. Services are primarily for organization members.

AMES RESEARCH CENTER

see National Aeronautics and Space Administration

ANDERSON HOSPITAL AND TUMOR INSTITUTE

see University of Texas at Houston. M. D. Anderson Hospital and Tumor Institute

ANIMAL BEHAVIOR SOCIETY

0290 c/o Mr. Benjamin Dane, Secretary
Department of Biology
Tufts University
Medford, Mass. 02155

Tel: (617) 628-5000

AREAS OF INTEREST: Animal behavior.

PUBLICATIONS: *Animal Behaviour* (quarterly); *Animal Behaviour Monographs* (annual).

INFORMATION SERVICES: Answers inquiries.

ANIMAL HEALTH INSTITUTE

0291 1030 15th St. NW.
Washington, D.C. 20005
Tel: (202) 296-0787

AREAS OF INTEREST: Animal health and nutrition.

PUBLICATIONS: Monthly newsletter; booklets on specific subjects. Publications are available at cost.

INFORMATION SERVICES: Answers inquiries; provides statistics on the industry; makes referrals. Services are primarily for members, but are also provided to academic institutions, Government agencies, the press, and interested associations.

ANIMAL WELFARE INSTITUTE

0292 P.O. Box 3492
Grand Central Station
New York, N.Y. 10017
Tel: (212) 581-7320

AREAS OF INTEREST: Humane treatment of laboratory animals; humane education; science teaching without inflicting pain or distress on animals (for high school teachers and students).

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: *Information Report* (quarterly); manuals on care and housing of laboratory animals; manuals for humane education; booklets, leaflets, reprints. A publications list is available.

INFORMATION SERVICES: Answers inquiries and provides consulting services free; provides single copies of manuals free where they will be of practical service in helping animals.

ANTIOCH COLLEGE

Environmental Studies Center

0293 Antioch College
Yellow Springs, Ohio 45387
Tel: (513) 767-7331 Ext. 310

0294

AREAS OF INTEREST: Environmental policy research; water pollution; watershed management; vegetation and environment.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Bibliographies, reports, publications of local interest.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Services are provided free to noncommercial interests and at cost to commercial interests.

APHASIA RESEARCH CENTER

see Boston University

AQUATIC RESEARCH INSTITUTE

0294 Port of Stockton
P.O. Box 648
Stockton, Calif. 95201
Tel: (209) 466-5324

AREAS OF INTEREST: Aquatic sciences; limnology; marine, freshwater, and estuarine biology; water pollution.

HOLDINGS: 40,000 biological specimens; 2,000 books; 5,000 photos; 2,000 slides; 1,000 maps and charts; 1,100 abstracts and indexes; 500 technical reports; 15,000 pamphlets, booklets, and brochures; 400 microforms.

PUBLICATIONS: *Aquatica* (quarterly journal); news bulletin, special reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services; provides short lists of literature citations in response to specific inquiries; makes referrals; identifies aquatic organisms; permits onsite use of collections. A fee may be charged for services, depending on the nature and extent of the service requested.

ARCTIC, DESERT, TROPIC INFORMATION CENTER

see Air Force, Department of the

APHASIA RESEARCH CENTER

ARCTIC HEALTH RESEARCH CENTER

see Health, Education, and Welfare, Department of. Public Health Service. Health Services and Mental Health Administration. Bureau of Community Environmental Management

ARGONNE CANCER RESEARCH HOSPITAL

see University of Chicago

ARGONNE NATIONAL LABORATORY

0295 9700 South Cass Ave.
Argonne, Ill. 60439
Tel: (312) 739-7711

The Argonne National Laboratory, operated by the University of Chicago and the Argonne Universities Association for the U.S. Atomic Energy Commission (AEC), conducts basic scientific research. It is also concerned with research and development related to nuclear reactors.

AREAS OF INTEREST: Physical and biological sciences; mathematics; nuclear reactors and related technology.

HOLDINGS: The library, consisting of a Central Library with eight subject-oriented branches, has an extensive collection of scientific and technical journals and books, along with a virtually complete collection of AEC unclassified reports.

INFORMATION SERVICES: The *Library Services Department* (Ext. 3026) provides broad-scope library and technical information services to the Laboratory staff. The Central Library handles all technical processing, interlibrary loans, and contacts with outside libraries. Visitors may use the libraries during normal working hours. The publication "Additions to the Library" is available on a limited basis to Government libraries. The library has a small collection of computer programs for library purposes, since many library functions are mechanized. The *Information Services Department* (Ext. 3731) answers inquiries, handles public information functions, directs a technical exhibit program, a lecture service, and an Argonne tour service, and distributes educational literature to student requesters. The *Office for Educational Affairs* (Ext. 2211) assists colleges and universities with regard to education in

nuclear science, engineering, and related fields, assists in arranging research participation appointments for faculty members, postdoctorals, and graduate and advanced undergraduate students, maintains instructional laboratories available for use by faculty members and their students, provides educational materials, and arranges special lectures and demonstrations.

ARIZONA AGRICULTURAL EXPERIMENT STATION

see University of Arizona

ARIZONA COMMISSION OF AGRICULTURE AND HORTICULTURE

0296 P.O. Box 6189
Phoenix, Ariz. 85005

Location:

Arizona State Office Bldg.
1688 West Adams St.
Phoenix, Ariz.
Tel: (602) 271-4191

AREAS OF INTEREST: Regulation of agriculture and horticulture, with emphasis on commodity and pest regulation, and weed, seed, and native plant law enforcement; organisms having an effect on crop and ornamental plants; systematic and applied biology (botany, entomology, nematology, pathology).

HOLDINGS: Plant and entomological collections related to, but not limited by, the above areas of interest; a library of 4,200 technical books and bulletins; a host file on Arizona insects (available for distribution).

PUBLICATIONS: Annual report, data compilations, press releases.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services; identifies insect specimens; permits onsite use of collections.

ARIZONA DEPARTMENT OF HEALTH

0297 1624 West Adams St.
Phoenix, Ariz. 85007
Tel: (602) 271-4521

AREAS OF INTEREST: Public health in Arizona, including clinical medicine, behavior control through education, maternal and child public health, school

health, mental health, communicable and chronic diseases, health education, sanitation and sanitary engineering, air pollution, water pollution, vital statistics, and laboratory analysis.

HOLDINGS: Data compilations, specimens, instruments, tapes, films, photos, slides, maps and charts, posters and other display materials, project records, graphs, technical reports, standards and specifications, reviews, books, journals, abstracts, newsletters, reprints, publication lists, bibliographies, pamphlets, press releases, clippings.

PUBLICATIONS: The following newsletters: *Mental Health*; *Epidemiology Letter* (monthly); *Air Over Arizona* (quarterly); *Kid-Bits* (bimonthly); and *Band Aid Bulletins* (quarterly); statistical compilations, annual report.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting, literature-searching, and bibliographic services; lends materials; permits onsite use of collection.

Division of Laboratories

0298 Arizona Department of Health
1716 West Adams St.
Phoenix, Ariz. 85007
Tel: (602) 271-4554

AREAS OF INTEREST: Chlorinated and phosphate pesticides; air and water pollution; food poisoning; milk contamination; fishkills; systemic and pathogenic bacteriology; parasitology and virology.

HOLDINGS: 500 books; 30 periodical titles; Fairchild Mark IV projector with 45 film titles.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; performs chemical analyses of drinking water and waste water; performs analyses of gaseous and particulate air pollutants. Chemical analyses are performed only of specimens submitted by State and county officials. Microbiological analyses are performed on specimens submitted by State and county officials, hospital laboratories, and physicians.

Environmental Health Services

0299 Arizona Department of Health
4019 North 33d Ave.
Hayden Plaza West
Phoenix, Ariz. 85017
Tel: (602) 271-5457

AREAS OF INTEREST: Food and milk sanitation; water quality; sewage; swimming pools; water pollution control; insect control; solid waste; air pollution.

0300

HOLDINGS: 1,000 journals; 2,000 project records of water and sewage plants; 100,000 water sample analyses data; 400 slides of water-sewage treatment plants; abstracts; indexes.

PUBLICATIONS: Bulletins of water-quality reports; engineering bulletins on design, construction, and operation of water-sewage treatment facilities.

INFORMATION SERVICES: Answers brief inquiries; prepares bibliographies on request; provides literature-searching services; makes referrals; provides consulting services to professional engineers and county health departments; provides bacteriological and chemical analyses of public water supplies and public sewer systems.

ARIZONA GAME AND FISH DEPARTMENT

0300 State Office Bldg.
2222 West Greenway Rd.
Phoenix, Ariz. 85029
Tel: (602) 942-3000

AREAS OF INTEREST: Wildlife; conservation; hunting and fishing; pesticide and insecticide effects on non-target species.

HOLDINGS: Limited number of special reports.

PUBLICATIONS: *Wildlife Views* (bimonthly); pamphlets, annual report, news releases, brochures.

INFORMATION SERVICES: Answers inquiries; makes referrals; originates weekly television and radio programs.

ARIZONA-SONORA DESERT MUSEUM

0301 P.O. Box 5607
Tucson, Ariz. 85703

Location:
Kinney Rd.
Tucson Mountain Park
Tucson, Ariz.
Tel: (602) 792-1530

AREAS OF INTEREST: Zoology and botany of Arizona, Sonora, and Baja California, with emphasis on the Sonoran Desert.

HOLDINGS: 4,000 specimens of insects, reptiles, birds, mammals, fish, etc., including 500 live specimens; 350 photos; 650 slides; 750 maps and charts; 1,350 books; 3,150 reprints; 450 pamphlets; periodicals, press releases.

ARIZONA GAME AND FISH DEPARTMENT

PUBLICATIONS: Pamphlets, brochures, reports, annual bulletin.

INFORMATION SERVICES: Answers brief inquiries; makes referrals; provides consulting and limited literature-searching services; permits onsite reference (the library collections are available to nonmembers of the Museum by special permission).

ARIZONA STATE UNIVERSITY

Poisonous Animals Research Laboratory

0302 Arizona State University
Tempe, Ariz. 85281
Tel: (602) 961-3536

AREAS OF INTEREST: Comparative venomology; treatment of venomous bites and stings; scorpion systematics.

HOLDINGS: 5,000 reports, including 3,000 items on the order Scorpionida.

PUBLICATIONS: Abstracts, bibliographies, booklets.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and abstracting services; provides limited identification service of scorpions worldwide; makes referrals. Services are provided at cost to commercial users and Government agencies budgeted for services.

University Library

0303 Arizona State University
Tempe, Ariz. 85281
Tel: (602) 961-3415

AREAS OF INTEREST: Chemistry (analytical, biochemistry, geochemistry, inorganic, organic, physical); mathematics (analysis, applied mathematics, probability, topology, algebra, mathematical statistics, mathematical logic); physics (nuclear, solid state, polymer, elementary particles, low temperature, electron microscopy); geology (mineralogy, geomorphology, meteorite studies, petrology); engineering, including mechanical (thermosciences, measurements, design, nuclear, aerospace), electrical (computers, solid state electronics, electromagnetic fields and waves, electrical networks, energy conversion and transmission, instrumentation, communications and radar, control systems and medical electronics), chemical (chemical processes, biomedical, nuclear processes, material science), civil (structures, hydraulic, transportation, environ-

mechanics (fluid mechanics, materials science, dynamics and space mechanics, solid mechanics, vibration and wave propagation), industrial organizational control (computer science, industrial statistics, operations research and system analysis, human factors, industrial systems and production control), bioengineering, and industrial design and technology; biology, including botany (physiology of lower plants, morphology, paleobotany, palynology, plant growth and reproduction, mycology, plant pathology, ecology, biosystematics, phycology), zoology (aquatic biology, desert animals, cytology and histology, ecology, entomology, genetics and evolution, herpetology, ichthyology, invertebrate zoology, mammalogy, parasitology, physiology, venomology, wildlife management), and microbiology (systematic bacteriology, immunology, virology, phycology, electron microscopy); agriculture (agricultural economics, animal science, plant science).

HOLDINGS: Over 1.1 million volumes (includes all subjects); over 300,000 microforms; over 16,000 maps; over 2,400 current journals in all fields of science; a unique collection of books, serials, and other types of literature on solar energy donated by the Solar Energy Society (the collection is being processed and will be available to users). The Library is a depository for U.S. Government publications.

PUBLICATIONS: *Know Your Library* series; *Guide for Engineering Students*; *Science Reference Newsletter* (8 times during school year).

INFORMATION SERVICES: Library services are primarily for faculty and students of the University, but, when possible, the Library also provides services to the public, including reference and bibliographic assistance, direct and interlibrary loans, duplication services (for fee), and referral services.

ARKANSAS AGRICULTURAL EXPERIMENT STATION

0304 University of Arkansas
Fayetteville, Ark. 72701
Tel: (501) 575-2253

AREAS OF INTEREST: General agriculture; agricultural economics; entomology; rural sociology; home economics; agricultural engineering; horticulture; forestry; animal sciences; veterinary science; agronomy; plant pathology; poultry industry; pesticides.

HOLDINGS: Reports, data.

(bimonthly); technical reports.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services; makes interlibrary loans; permits onsite use of collection.

ARKANSAS GAME AND FISH COMMISSION

0305 Little Rock, Ark. 72201
Tel: (501) 376-1317

AREAS OF INTEREST: Hunting and fishing in Arkansas; fish and game management.

PUBLICATIONS: *Arkansas Game and Fish* (quarterly); *Arkansas Academy of Science*; *Proceedings, Southeastern Association Game and Fish Commissioners*; newsletters, motion pictures, photos, maps and charts, pamphlets, news releases, research papers, popular articles.

INFORMATION SERVICES: Answers inquiries; makes referrals.

Facilities include over 300,000 acres of lands and water.

ARKANSAS POLLUTION CONTROL COMMISSION

0306 1100 Harrington Ave.
Little Rock, Ark. 72202
Tel: (501) 371-1701

AREAS OF INTEREST: Air and water pollution; drainage; municipal and industrial waste treatment; industrial water treatment; river and stream basin surveys; water quality; water analysis; insecticides; air contaminants; solid waste disposal.

HOLDINGS: 600 technical reports; 150 books; 400 periodicals; 175 project records; 1,200 slides; 5 films; 10,000 water and waste water samples; plankton, benthos, and bacterial specimens; standards and specifications, data.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides technical information; permits onsite reference; performs chemical, physical, and biological analyses of water; tests the efficiency of waste treatment plants.

ARKANSAS STATE DEPARTMENT OF HEALTH

0307 4815 West Markham St.

Little Rock, Ark. 72201
Tel: (501) 661-2000

AREAS OF INTEREST: Public health in Arkansas (chronic and communicable diseases, food and drug control, sanitary engineering, maternal and child health, all aspects of veterinary and radiological public health, health education).

HOLDINGS: Small reference library of books, journals, reports, data compilations, maps, and charts. The Division of Public Health Education maintains a small film library and other divisions maintain small libraries dealing with their main areas of concern.

PUBLICATIONS: Annual reports, articles by Department medical personnel.

INFORMATION SERVICES: Answers inquiries; provides consulting and lecture services; provides chemical analyses of water, food, and drug samples; makes referrals.

ARKANSAS WATER POLLUTION CONTROL ASSOCIATION

0308 College of Engineering
University of Arkansas
Fayetteville, Ark. 72701
Tel: (501) 575-4955

AREAS OF INTEREST: Water works; sewage treatment plants; analysis of water and sewage; water pollution in Arkansas.

HOLDINGS: Complete files of conference proceedings.

INFORMATION SERVICES: Answers inquiries; makes referrals; permits onsite reference.

ARMED FORCES INSTITUTE OF PATHOLOGY

see Defense, Department of

ARMED FORCES RADIOBIOLOGY RESEARCH INSTITUTE LIBRARY

see Defense, Department of

ARMOUR AND CO.

Food Research Division Library

0309 Armour and Co.

801 West 22d St.
Oak Brook, Ill. 60521
Tel: (312) 654-1020

AREAS OF INTEREST: Food, primarily meat, dairy, and poultry; edible oils and margarine products; canned foods; convenience food items.

HOLDINGS: 4,000 books; 267 periodical titles; 9,000 pamphlets.

INFORMATION SERVICES: Makes interlibrary loans; provides reference, literature-searching, and duplication services. Extensive services are provided to Company personnel only.

ARMY, DEPARTMENT OF THE

Army Materiel Command

Army Biological Defense Research Center

INDUSTRIAL HEALTH AND SAFETY DIRECTORATE

0310 U.S. Army Biological Defense Research Center
Fort Detrick, Md. 21701
Tel: (301) 663-4111 Ext. 2228

AREAS OF INTEREST: Microbiological safety techniques; design of infectious disease laboratories.

HOLDINGS: Collection of reprints.

PUBLICATIONS: Standards and specifications, bibliographies, critical reviews, reprints.

INFORMATION SERVICES: Answers inquiries; provides reference and consulting services. Services are provided subject to time limitations and security requirements.

Army Mobility Equipment Command

ARMY MOBILITY EQUIPMENT RESEARCH AND DEVELOPMENT CENTER

Sanitary Sciences Division

0311 U.S. Army Mobility Equipment Research and Development Center
Fort Belvoir, Va. 22060
Tel: (703) 780-1100 Ext. 45359

AREAS OF INTEREST: Ground-water exploitation; well drilling; surface-water treatment; transportable pu-

ritification processes; desalinization; removal of chemical, biological, and radiological warfare agents from water; sewage collection and disposal; sewage treatment for water reuse.

HOLDINGS: Reports, data.

PUBLICATIONS: Reports (a publications list is available).

INFORMATION SERVICES: Answers inquiries; makes referrals; provides technical assistance when related to military mission.

Facilities include laboratories for chemical, bacteriological, and radiological analyses of water and test facilities for operation and evaluation of water purification processes and equipment. The Division has an AEC license for use of strontium 85 in water.

Army Munitions Command

RESEARCH LABORATORIES

Industry Liaison Office

Toxicological Information Center

0312 Industry Liaison Office
Research Laboratories
Edgewood Arsenal, Md. 21010
Tel: (301) 671-2503

AREAS OF INTEREST: Toxicology; biochemistry; pharmacology; physiology.

HOLDINGS: 300,000 reference-abstract cards and about 100 brochures on chemical compounds.

PUBLICATIONS: Reports, critical reviews.

INFORMATION SERVICES: Answers inquiries; provides reference and literature-searching services. Services are primarily for scientists at Edgewood Arsenal, but are also provided to other scientists, to medical personnel, and to industry when the request involves unclassified and cleared information and staff time permits.

TECHNICAL LIBRARY

0313 Technical Support Directorate
U.S. Army Munitions Command
Edgewood Arsenal, Md. 21010
Tel: (301) 671-2934 or 671-2935

AREAS OF INTEREST: Chemical agents and munitions, including flame and incendiary systems; dissemination and dispersion of chemical, flame, and incendiary agents; chemical and biological protective equipment; chemical agent synthesis; medical aspects of chemical agents.

HOLDINGS: 50,000 books; 1,000 current periodical subscriptions; 350,000 reports.

PUBLICATIONS: Accessions list.

INFORMATION SERVICES: Answers inquiries; provides reference, literature-searching, duplication, and translation services; lends materials. Services are available to Department of Defense agencies and all elements of Edgewood Arsenal and their contractors.

Army Test and Evaluation Command

DESERET TEST CENTER TECHNICAL LIBRARY

0314 Fort Douglas, Utah 84113
Tel: (801) 524-4356

AREAS OF INTEREST: Biological defense; biological weapons systems; biological operations; chemical defense; chemical weapons systems; chemical operations; environmental tests; engineering tests; ecology; epidemiology; safety; agents; aerosols; decontamination; micrometeorology; munitions; ordnance; photographic equipment; bacteria; virus; rickettsia; toxins; pathogens; vapors; contamination; decay rates; microorganisms; climatology; detection; dosage; incapacitating agents; simulants; protective clothing; laboratory equipment; quality assurance; instrument calibration; test technology; CB sampling equipment; assay; persistency; laboratory animals; particulates; biological and chemical field testing.

HOLDINGS: 5,500 technical books; 30,000 technical reports; 260 periodical titles; 5,500 bound volumes of periodicals.

INFORMATION SERVICES: Answers inquiries; makes referrals; makes interlibrary loans; provides consulting, literature-searching, indexing, and duplication (including hard copy reproduction from microfiche and microfilm) services. Services are available to Department of Defense, other Government agencies, qualified contractors, and non-Government organizations on a need-to-know basis.

Directorate of Aerobiology and Evaluation Laboratories

0315 Technical Information Division, ATTN:
SMXFD-AE-T
Fort Detrick, Md. 21701
Tel: (301) 663-4111 Ext. 5102 or 3105

0316

AREAS OF INTEREST: Microbiology (aerobiology, bacteriology, immunology, medical mycology, virology); biochemistry; physical chemistry; aerosols (physics); biophysics; mathematics and statistics; veterinary sciences; infectious diseases; epidemiology; pathology; engineering (aerospace, biological, chemical, industrial, mechanical, sanitary); agronomy; plant pathology; plant physiology.

HOLDINGS: 25,000 books; 1,200 periodical titles; 45,000 technical reports; 4,000 laboratory notebooks.

PUBLICATIONS: Technical reports (130 a year); abstracts bulletin (quarterly); accessions list (monthly); annual report; bibliographies, brochures, motion pictures, exhibits.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides technical editing, consulting, reference, literature-searching, abstracting, translation, and duplication services; makes interlibrary loans. Services are available to Government agencies, their contractors, and to a limited extent, the public.

Natick Laboratories

APPLIED MICROBIOLOGY GROUP

0316 U.S. Army Natick Laboratories
Natick, Mass. 01760
Tel: (617) 653-1000

AREAS OF INTEREST: Microbiological deterioration of materials; fungicides; germicides; chemical purification of water for individual use; water sterilization; water microbiology; pollution abatement.

PUBLICATIONS: Technical reports.

INFORMATION SERVICES: Provides limited answers to inquiries, but does not provide in-depth information; makes referrals.

TECHNICAL LIBRARY AND SCIENCE INFORMATION CENTER

0317 U.S. Army Natick Laboratories
Kansas St.
Natick, Mass. 01760
Tel: (617) 653-1000 Ext. 2248 or 2542

AREAS OF INTEREST: Chemistry; physics; biology; medicine; physiology; psychology; geography; mathematics; statistics; law; food science and technology; textiles; clothing and personnel equipment.

ARMY, DEPARTMENT OF THE

HOLDINGS: 50,000 books; 1,000 periodical titles; 50,000 reports; abstracts and indexes in depth of literature on specific subject areas such as terrestrial hypoxia, functional performance of clothing and personnel equipment, etc.

PUBLICATIONS: Bibliographies, translations of journal articles.

INFORMATION SERVICES: Answers inquiries; provides reference, literature-searching, and translation services; makes referrals; lend materials. Library services are primarily for Natick Laboratories' personnel, but limited access to open-literature collections is available to others by special arrangement.

Nuclear Defense Laboratory

0318 Edgewood Arsenal, Md. 21010
Tel: (301) 676-1000 Ext. 26248 or 6145

AREAS OF INTEREST: Nuclear weapons effects, including initial and residual nuclear radiation, fallout prediction, thermal phenomena, and radiation measurement techniques and instrumentation; physics and chemistry of radiation; radiological safety, including environmental monitoring, personnel, equipment, and area decontamination, maintenance of radiac equipment, protective clothing, and radioactive waste disposal techniques; nuclear cross-section measurements; irradiation facilities.

HOLDINGS: 4,300 books; 216 periodical titles; 25,000 technical reports.

PUBLICATIONS: Technical reports.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides advisory services; supplies gamma irradiations and neutron flux measurements. Services are available to qualified users and those involving more than routine discussions normally require funding.

Continental Army Command

Army Chemical Center and School

0319 ATTN: ATSCM-A
Fort McClellan, Ala. 36201
Tel: (205) 238-4424

AREAS OF INTEREST: Technical aspects and operational concepts of the employment of, and defense against, nuclear, biological, and chemical weapons, including background information on agents, capabilities, disposal and decontamination procedures protective measures, and weapons systems and their application in military operations.

INFORMATION SERVICES: Answers inquiries; makes referrals.

FISHER LIBRARY

0320 U.S. Army Chemical Center and School
ATTN: ATSCM-S
Fort McClellan, Ala. 36201
Tel: (205) 238-3314

AREAS OF INTEREST: Physical, biological, and social sciences; history; engineering; chemical and biological operations; radiological defense.

HOLDINGS: 13,424 books; 161 scientific and military periodical titles; 30,682 unclassified documents, including CBR (chemical and biological operations and radiological defense) technical reports and chemical historical reports.

PUBLICATIONS: Bibliographies, bulletins.

INFORMATION SERVICES: Makes interlibrary loans. Other library services are available to special military groups only (with a few exceptions).

Office of the Chief of Engineers

Engineer Agency for Resources Inventories

REFERENCE BRANCH

0321 Engineer Agency for Resources Inventories
4701 North Sangamore Rd.
Washington, D.C. 20016
Tel: (301) 229-6522

AREAS OF INTEREST: Local government administration; aerial photo surveys and surveying techniques; agrarian reform; agricultural cooperatives; agricultural crops and livestock; agricultural sciences; airfields and airports; atlases; area description (general); boundaries (international and national); building materials; cartography and geography; census; city planning; climate; commerce; communications systems and facilities; conservation; cultural geography; dams; economic development and planning; diseases and disease incidence; drainage; ecology; economic geography and geology; education and schools; electric power and power plants; environmental factors; ethnic classes; fauna; fertilizers; fish and fisheries; floods and flood control; flora; forestry and forest products; fuels; geodesy; geology; geomorphology; geophysics; government organization; ground surveys and surveying techniques; health services (public and private); heavy and light industry and industrial facilities; hydrography; hydrology; inland waterways; interna-

tional conferences and organizations; irrigation; land ownership (agriculture); land utilization; metals (ferrous and nonferrous); meteorological data; minerals and mineralogical exploration; mining; natural resources; nutrition; pacification measures; petroleum; ports (inland and maritime); pipelines; public health and welfare; reclamation (economic planning); refugees; regional planning; religion; resettlement; rice; river studies; public sanitation; soil science; statistics; technical aid (foreign); terrain analysis; tourist trade and tourism; town and urban areas (geography); transportation systems; vegetation; vital statistics; water (surface and underground); water control systems; water transportation systems; weather; wood and wood products.

HOLDINGS: 4,000 books and technical reports; 300 files of data; 800 special subject maps; 100 journal titles.

PUBLICATIONS: *Selected Accessions* (weekly, available on written request); resource atlases (not generally available for public distribution); special studies, reports, papers, and manuals (some available on request); bibliographies.

INFORMATION SERVICES: Answers inquiries; provides advisory, reference, and limited bibliographic services; makes limited interlibrary loans.

Office of the Surgeon General

Army Medical Research and Development Command

ARMY AEROMEDICAL RESEARCH LABORATORY

0322 P.O. Box 577
Fort Rucker, Ala. 36360
Tel: (205) 255-5107

AREAS OF INTEREST: Aviation medicine, physiology, physiological optics, biomechanics, biophysics, biochemistry, and psychology; Army aviation and airborne physical and performance standards; medical aspects of selection, retention, and training of airmen; aviation and airborne operations and equipment; environment of current and prototype aircraft, including toxicological hazards, thermal stress, sound pressure levels, and other physiological stressors.

HOLDINGS: A technical reference library of books, journals, monographs, reports, standards and specifications; a collection of unpublished surveys,

0323

special studies, investigative reports, and related analytic data.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and literature-searching services; makes interlibrary loans.

**ARMY MEDICAL BIOMECHANICAL
RESEARCH LABORATORY LIBRARY**

0323 Walter Reed Army Medical Center
Forest Glen Section
Washington, D.C. 20012
Tel: (202) 576-5113

AREAS OF INTEREST: Prosthetics; orthotics; plastics; chemistry of plastics; implant plastics; tissue adhesives; amputees; biomedical electronics; mechanical engineering.

HOLDINGS: 1,000 books; 100 periodicals currently received; 500 bound journals; 5,000 technical reports; photos, slides, manufacturers' catalogs.

INFORMATION SERVICES: Answers inquiries; provides reference and limited interlibrary loan services. Services are primarily for the Laboratory's research staff, but outside requests are filled as time permits.

**ARMY MEDICAL RESEARCH AND
NUTRITION LABORATORY**

0324 Fitzsimons General Hospital
Denver, Colo. 80240
Tel: (303) 366-5311 Ext. 21228

AREAS OF INTEREST: Actual and required nutritional intake of soldiers under all types of environmental conditions; medical and surgical problems of special interest to the Army; pulmonary disease; physiology of exercise and fatigue; wholesomeness of military subsistence; irradiated foods; drug susceptibility of mycobacteria; psychological stress-connected manifestations; stress countermeasures; physiological and nutritional aspects of military dog performance; computer techniques in medical research and medicine.

HOLDINGS: 3,600 books; 8,000 technical reports; 4,600 bound journals; 180 journal titles; 100 bibliographies.

PUBLICATIONS: Books, bibliographies, directories, abstracts, reports.

INFORMATION SERVICES: Answers inquiries; provides advisory, consulting, reference, and literature-searching services; makes interlibrary loans. Services are available to Department of Defense and other Government agencies, and to authorized and

ARMY, DEPARTMENT OF THE

qualified educational institutions, medical facilities, and private citizens, subject to facility and manpower limitations. Requests for services should be made in writing.

**ARMY MEDICAL RESEARCH INSTITUTE
OF INFECTIOUS DISEASES**

Medical Library

0325 U.S. Army Medical Research Institute of
Infectious Diseases
Frederick, Md. 21701
Tel: (301) 663-4111 Ext. 6296

AREAS OF INTEREST: Medical defense against biological weapons; infectious diseases; metabolism and infection; vaccine development; radiation and infection.

HOLDINGS: 3,000 books; 50 periodical titles; 500 technical reports.

PUBLICATIONS: Reports and papers in the open literature (a list is available).

INFORMATION SERVICES: Answers inquiries; makes interlibrary loans. Services on internal reports are available to authorized recipients of defense information.

**ARMY MEDICAL RESEARCH
LABORATORY**

0326 Fort Knox, Ky. 40121
Tel: (502) 624-7456
(502) 624-3746 (Technical Library)

AREAS OF INTEREST: Blood grouping; blood transfusion; hematology; laser research; vision and perception; behavior; audition; veterinary science; biochemistry; psychology.

HOLDINGS: A Technical Library of 10,000 books and 100 periodical titles.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; provides duplication services; makes interlibrary loans; permits onsite use of collection. Services are primarily for Army Medical Research Laboratory personnel but are also available to others on a limited basis.

INFORMATION SYSTEMS DIVISION

0327 U.S. Army Medical Research and
Development Command
Forrestal Bldg., Room 8H089
10th St. and Independence Ave. SW.
Washington, D.C. 20314
Tel: (202) 693-7801

AREAS OF INTEREST: Military medicine.

HOLDINGS: A collection of books, periodicals, and technical reports.

PUBLICATIONS: Abstracts, bibliographies.

INFORMATION SERVICES: Answers inquiries; provides reference and literature-searching services; makes referrals. Services are primarily for the Command's research staff, but outside requests are filled as time permits.

U.S. ARMY INSTITUTE OF SURGICAL RESEARCH

0328 Brooke Army Medical Center
Fort Sam Houston
San Antonio, Tex. 78234
Tel: (512) 221-2720

AREAS OF INTEREST: Burns; renal failure; trauma; surgical physiology.

HOLDINGS: 1,000 books; 100 periodical titles; 500 technical reports.

PUBLICATIONS: Technical reports.

INFORMATION SERVICES: Answers inquiries; provides advisory and consulting services for professional groups or individuals.

Joint Medical Library

0329 Offices of the Surgeons General
U.S. Army-U.S. Air Force
Forrestal Bldg., Room 6E04
10th St. and Independence Ave. SW.
Washington, D.C. 20314
Tel: (202) 693-5870

AREAS OF INTEREST: Medical specialties; medical personnel; medical and hospital administration; nursing; public health; legal medicine; military medical history.

HOLDINGS: About 7,000 books and 400 journal subscriptions; files of military medical publications, annual reports of the Surgeon General, and medical school catalogs.

INFORMATION SERVICES: Answers inquiries; provides reference services; makes referrals; makes inter-library loans.

Pulmonary Disease Service

0330 Valley Forge General Hospital
Phoenixville, Pa. 19460
Tel: (215) 933-9261 Ext. 278 or 371

AREAS OF INTEREST: Tuberculosis; melioidosis.

PUBLICATIONS: Annual report of follow-up records of soldiers with tuberculosis and melioidosis who have returned to duty.

INFORMATION SERVICES: Answers inquiries.

Technical Liaison Office

0331 Office of the Surgeon General
U.S. Department of the Army
Forrestal Bldg., Room 7F034
10th St. and Independence Ave. SW.
Washington, D.C. 20314
Tel: (202) 693-5446

AREAS OF INTEREST: Military health services, medical facilities, medical units, and medical professional training; military preventive medicine; Army health standards; medical research and development.

PUBLICATIONS: *Newsletter of the U.S. Army Medical Department* (quarterly); Department of Army Pamphlet No. 310-1 (40-Series); Department of Army Pamphlet No. 108-1 (Medical-8 Series, Films and Professional Medical Films).

INFORMATION SERVICES: Answers inquiries; provides advisory and reference services; makes referrals.

U.S. Army Environmental Hygiene Agency

0332 Edgewood Arsenal, Md. 21010
Tel: (301) 671-4236

AREAS OF INTEREST: Environmental health engineering, including water treatment, sewage treatment, disposal of solid, liquid, industrial, infectious, radioactive, and other hazardous wastes, design and operation of swimming pools, air and water pollution abatement, lighting, heating, and ventilation of buildings, noise abatement, industrial hygiene, and general sanitation; occupational health, including occupational vision, hearing conservation, occupational nursing, and protective clothing and devices; pharmacology, in particular toxicology; medical entomology, including insecticide resistance studies and pesticide dispersal methods and equipment; radiological hygiene, including health physics, radiochemistry, and laser and microwave radiation protection; bacteriology, analytical chemistry, biochemistry, and industrial hygiene chemistry.

HOLDINGS: Over 8,000 unpublished surveys, reports, studies, and data; a technical reference library of 20,000 books, monographs, journals, reports, standards, and specifications; statistical computation and analysis, aperture card, and printout capabilities.

0333

ties. Some data are on aperture cards and a data acquisition system is available.

INFORMATION SERVICES: Answers inquiries from the military services and medical and health authorities of other Federal agencies and departments; conducts training courses for Army sanitary engineers, industrial hygienists, nurses, physicians, entomologists, sanitarians, health physicists, and other health professionals (other Federal agency personnel are admitted to the courses on a quota basis).

U.S. Army Hospital (Fort Devens, Mass.)

0333 Fort Devens, Mass. 01433
Tel: (617) 796-2222

AREAS OF INTEREST: Internal medicine; general and orthopedic surgery; otorhinolaryngology; obstetrics and gynecology; psychiatry; ophthalmology; dentistry; oral surgery; pediatrics; cardiology.

HOLDINGS: 1,500 books; 100 periodical titles.

INFORMATION SERVICES: Answers inquiries; permits onsite use of literature collection.

Walter Reed General Hospital Library

0334 Georgia Ave. and Butternut St. NW.
Washington, D.C. 20012
Tel: (202) 576-3650 (Medical Library)

AREAS OF INTEREST: Medical sciences; history of medicine and science.

HOLDINGS: This Library consists of a 35,000-volume general library for patients and staff, and a medical library. The medical library comprises 16,000 volumes, 350 periodical titles, and the Ainsworth Endowment Library of 1,000 volumes on the history of medicine and science.

INFORMATION SERVICES: The medical library makes interlibrary loans and provides reference services to members of the Walter Reed General Hospital staff.

ARTHUR D. LITTLE, INC.

Information Services

0335 Arthur D. Little, Inc.
Acorn Park
Cambridge, Mass. 02140
Tel: (617) 864-5770

ARMY, DEPARTMENT OF THE

AREAS OF INTEREST: All branches of science, technology, and economics, including chemistry and chemical engineering, physics, geology, geophysics, aerospace sciences, mathematics, meteorology, metallurgy, biology, mineralogy, mechanical engineering, industrial technology, market research, area development, operations research, industrial economics, and economic development.

HOLDINGS: 17,000 books; 1,700 journals; 27,000 reports; patents.

PUBLICATIONS: Technical reports.

INFORMATION SERVICES: Provides consulting services on contract basis. Reference use of the library by nonclients is decided on an individual basis. A variety of literature-searching and related services are performed at service-time rates.

ASSOCIATION FOR HEALTH RECORDS

0336 P.O. Box 432
Ann Arbor, Mich. 48107

Location:

1968 Green Rd.
Ann Arbor, Mich.
Tel: (313) 769-3252

AREAS OF INTEREST: Medical and health records; computers; standardization; hospital information systems; telecommunication; health data banks; miniaturization; health care information systems; regional medical programs; comprehensive health planning; integrated health care; education and credentials; progressive care; community health centers; industrial health records.

PUBLICATIONS: Newsletters.

INFORMATION SERVICES: Answers inquiries within limits of staff time; sponsors an annual interdisciplinary Conference on Health Records.

**ASSOCIATION FOR THE
ADVANCEMENT OF MEDICAL
INSTRUMENTATION**

0337 9650 Rockville Pike
Bethesda, Md. 20014
Tel: (301) 530-2800

AREAS OF INTEREST: Medical instrumentation, including aspects of technology, applications, education, service, maintenance, and standards.

ports.

PUBLICATIONS: *JAAMI*; bimonthly newsletter, annual membership directory.

INFORMATION SERVICES: Answers inquiries; makes referrals.

ASSOCIATION FOR THE ADVANCEMENT OF PSYCHOTHERAPY

0338 15 West 81st St.
New York, N.Y. 10024
Tel: (212) 873-9233

AREAS OF INTEREST: Psychotherapy; psychotropic drugs (psychologic effects).

HOLDINGS: Small collection of periodicals.

PUBLICATIONS: *American Journal of Psychotherapy* (quarterly).

INFORMATION SERVICES: Answers inquiries and provides abstracting services for psychotherapists.

ASSOCIATION FOR THE AID OF CRIPPLED CHILDREN

0339 345 East 46th St., Room 700
New York, N.Y. 10017
Tel: (212) 697-3150

AREAS OF INTEREST: The relationship between biological and social factors in defining handicap and determining its degree; the visibly handicapped; the nonvisibly handicapped, such as the retarded, the emotionally disturbed, and the individual with a circulatory or metabolic disorder; accident-associated factors in children and infants; biochemical, physiological, and psychological characteristics of the fetus; growth and abnormalities of the placenta; formation of the amniotic fluid; neurology of the neonatal child; rehabilitation nomenclature; psychology of the parents of handicapped children; chromosomal relationships of congenital defects; enzymatic deficiencies; defective brain formation.

HOLDINGS: Books, journals, reports, data, non-printed material.

PUBLICATIONS: Technical reports, conference proceedings, state-of-the-art review, annual report (containing a brief description of all studies for which grants have been made).

INFORMATION SERVICES: Answers inquiries; permits onsite use of literature collection.

ABORTION, INC.

0340 120 West 57th St.
New York, N.Y. 10019
Tel: (212) 245-2360

AREAS OF INTEREST: Social, legal, ethical, and medical aspects of abortion in the U.S. and foreign countries.

HOLDINGS: Small collection of books; motion pictures.

PUBLICATIONS: *ASA Newsletter* (quarterly); *ASA Bibliography* (quarterly); reprints, books. A publications list is available.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and literature-searching services; lends motion pictures; disseminates literature.

ASSOCIATION OF ALLERGISTS FOR MYCOLOGICAL INVESTIGATIONS, INC.

0341 c/o Dr. Homer E. Prince, President
P.O. Box 672
Crockett, Tex. 75835
Tel: (713) 544-3840

AREAS OF INTEREST: Mold allergy, including air analysis; improvement in allergen preparation; fungi in the etiology of respiratory allergic diseases.

HOLDINGS: Extensive holdings in an extremely narrow field.

INFORMATION SERVICES: Provides a consulting service based on the literature collection. This service is performed by physicians practicing in this specialty and is primarily for physicians, but is also available to others engaged in bona fide research.

ASSOCIATION OF AMERICAN FEED CONTROL OFFICIALS

0342 c/o Mr. Reed McDonald, Secretary
P.O. Box 3160
College Station, Tex. 77840
Tel: (713) 845-1121

AREAS OF INTEREST: Animal feed ingredient definitions; rules and regulations covering labeling of animal feeds.

HOLDINGS: Unevaluated data.

PUBLICATIONS: *Association of American Feed Control Officials* (annual).

0343

INFORMATION SERVICES: Answers inquiries; provides short lists of literature citations in response to specific inquiries; makes referrals.

ASSOCIATION OF CONSULTING FORESTERS

0343 P.O. Box 6
Wake, Va. 23176
Tel: (703) 776-4031

AREAS OF INTEREST: Forest management; forest resources potential investigation; economic studies; timber appraisals; timber taxation; timber sales; tree planting; timber cruising; reforestation; forest litigation; Christmas tree management; watershed management and conservation on private and public forest lands; manufacture and sale of forest products; forest entomology.

PUBLICATIONS: *The Consultant* (quarterly journal).

INFORMATION SERVICES: Answers inquiries; provides consulting services for fee; makes referrals; conducts and sponsors Practicing Foresters Institute.

ASSOCIATION OF OFFICIAL ANALYTICAL CHEMISTS

0344 Box 540
Benjamin Franklin Station
Washington, D.C. 20044

Location:
200 C St. SW.
Washington, D.C.
Tel: (202) 962-1107

AREAS OF INTEREST: Analytical chemistry; chemical, microbiological, and organoleptic methods of analysis for beverages, foods and food additives, vitamins and other nutrients, marine products, oils and fats, drugs, cosmetics, disinfectants, fertilizers, pesticide formulations and residues, radioactivity, and hazardous substances.

HOLDINGS: Books, periodicals.

PUBLICATIONS: *Journal of the Association of Official Analytical Chemists* (bimonthly); *Official Methods of Analysis of the AOAC* (every 5 years, with annual supplements). A complete list of AOAC publications is available.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides reference services.

ASSOCIATION OF CONSULTING FORESTERS

ASSOCIATION OF OFFICIAL RACING CHEMISTS

0345 148-07 Hillside Ave.
Jamaica, N.Y. 11435
Tel: (212) 523-8390

AREAS OF INTEREST: Analysis of urine, saliva, and blood from racing animals for drugs, using analytical methods that include immiscible solvent extraction, microcrystal and color tests, ultraviolet and infrared spectrophotometry, paper and thin-layer chromatography, and gas chromatography.

HOLDINGS: 24 volumes of proceedings of the Association's annual meetings; 9 volumes of Association bulletins.

PUBLICATIONS: *The Chemical Laboratory and Its Role in Racing* (booklet); proceedings of annual meetings; bulletins.

INFORMATION SERVICES: Answers brief inquiries; makes referrals; provides consulting services. Extensive services are provided only to Association members.

ASSOCIATION OF OFFICIAL SEED ANALYSTS

0346 c/o Dr. William N. Rice, Secretary-Treasurer
Seed Laboratory, West Experiment Station
University of Massachusetts
Amherst, Mass. 01002

AREAS OF INTEREST: Seed analysis, storage, physiology, longevity, and identification; seed testing for purity, germination, and dormancy; chemical tests for viability and vigor; seed laws; crop seeds.

PUBLICATIONS: *Association of Official Seed Analysts Newsletter* (quarterly); annual proceedings.

INFORMATION SERVICES: Answers inquiries; provides consulting and identification services free or for fee; provides short lists of literature citations in response to specific inquiries; makes referrals.

ASSOCIATION OF PATHOLOGY CHAIRMEN, INC.

0347 c/o Dr. Rolla B. Hill, Jr., Secretary-Treasurer
Department of Pathology
State of New York, Upstate Medical Center
766 Irving Ave.
Syracuse, N.Y. 13210
Tel: (315) 473-4750

AREAS OF INTEREST: Medical school departments of pathology (education, administration, research, funding).

HOLDINGS: The Association maintains a resource file of its members who serve on specialty committees of the Federal Government, private foundations, and other organizations.

PUBLICATIONS: Newsletter (quarterly); directories.

INFORMATION SERVICES: Answers inquiries; provides consulting services; maintains liaison with regulatory agencies, educational associations, governmental agencies, and biomedical groups.

ASSOCIATION OF STATE AND INTERSTATE WATER POLLUTION CONTROL ADMINISTRATORS

0348 c/o A. H. Paessler, Secretary-Treasurer
P.O. Box 11143
Richmond, Va. 23230
Tel: (703) 770-2241

AREAS OF INTEREST: Administration of water pollution control programs by State, interstate, and national organizations and agencies.

PUBLICATIONS: Proceedings of the Association's annual meetings.

INFORMATION SERVICES: Makes referrals to member specialists.

ASSOCIATION OF STATE PUBLIC HEALTH VETERINARIANS

0349 Dr. John I. Freeman, Secretary
Veterinary Public Health Section
North Carolina State Board of Health
Raleigh, N.C. 27602

AREAS OF INTEREST: Veterinary public health; rural and environmental health; animal ecology as related to human health.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals.

ATLANTA PUBLIC LIBRARY

Business and Science Department

0350 Atlanta Public Library
126 Carnegie Way NW.
Atlanta, Ga. 30303
Tel: (404) 522-9363

AREAS OF INTEREST: Mathematics; astronomy; physics; chemistry; geology; paleontology; biology; anthropology; botany; zoology; medicine; engineering; agriculture; home economics; business; economics; statistics; political science; education.

HOLDINGS: 61,000 books; 6,000 bound periodicals; newspapers, bibliographies, pamphlets, abstracts, indexes, publication lists.

INFORMATION SERVICES: Answers brief inquiries; makes referrals; lends materials; provides limited bibliographic services; permits onsite use of collection.

ATOMIC ENERGY COMMISSION

Headquarters Library

0351 U.S. Atomic Energy Commission
Division of Headquarters Services
Library Branch
Washington, D.C. 20545

Location:

Germantown, Md.
Tel: (301) 973-4166

Branch Library:

Bethesda Library
4915 St. Elmo Ave.
Bethesda, Md. 20014
Tel: (301) 973-7488

AREAS OF INTEREST: Nuclear science and technology; physics; chemistry; metallurgy; engineering; mathematics; biology; medicine; management; Federal legislation.

HOLDINGS: A book and journal collection of over 50,000 items; over 500,000 classified and unclassified AEC reports; a legislative collection of over 50,000 volumes.

INFORMATION SERVICES: Answers inquiries or refers inquirers to appropriate headquarters program division; makes interlibrary loans, primarily to libraries in the Greater Washington area; permits onsite reference to the unclassified collections by representatives of Government agencies, their contractors, universities, and industry, provided arrangements are made in advance.

Office of Information Services

Technical Information Center

0352 U.S. Atomic Energy Commission
P.O. Box 62

Oak Ridge, Tenn. 37830

Tel: (615) 483-4352

The Technical Information Center was for many years known as the Division of Technical Information Extension.

AREAS OF INTEREST: Nuclear science and technology, including the body of knowledge related to production, properties, principles, and phenomena of atomic nuclei, subatomic particles, gamma-rays and X-rays, and the application of the principles and phenomena of nuclear science to other sciences and engineering, and, conversely, the application of other sciences and engineering to the problems of nuclear science.

HOLDINGS: The AEC's master collection of atomic energy literature, including AEC and AEC-contractor technical reports, journal articles, conference papers and proceedings, patents, dissertations, books, monographs, and critical reviews, pertinent reports of other U.S. agencies and their contractors, reports of other countries having atomic energy programs, English translations of foreign atomic energy literature, and engineering drawings, specifications, and related materials.

PUBLICATIONS: *Nuclear Science Abstracts* (semimonthly, with personal author, corporate author, report number, and subject indexes), providing worldwide coverage of unclassified atomic energy literature; three *Technical Progress Reviews*: "Isotopes and Radiation Technology" (quarterly), "Reactor Technology" (quarterly), and "Nuclear Safety" (bimonthly), each summarizing and evaluating recent developments in its specific area. The Center will upon request provide the following free publications: *Science Information Available from the Atomic Energy Commission* (TID 4550), a guide to AEC's science-information programs and services; *Books and Monographs Sponsored by the United States Atomic Energy Commission*, a catalog giving titles, scope, price, and availability of items listed; *Nuclear Science Abstracts--Guide to the World's Atomic Energy Literature*, containing general information on the content, use, and availability of *Nuclear Science Abstracts*; *The AEC Combined 16mm Film Catalog*, listing and describing technical and popular level films loaned free for public nonprofit exhibition; *Classroom Films on Nuclear Science*, a catalog listing and describing 16mm films loaned free for use by teachers in secondary schools or undergraduate college classes; and *Index to the Understanding the Atom Series*, listing titles and topics covered by this Series, which is described below.

INFORMATION SERVICES: (a) *Educational:* Educational booklets, posters, brochures, and pamphlets

on a variety of subjects are available at no cost to school librarians, teachers, students, and other requesters in limited quantities. Prices for bulk quantities are nominal. The principal resource is the *Understanding the Atom Series* of educational booklets. This Series, comprising about 50 booklets, covers six categories: physics, chemistry, biology, nuclear reactors, environment, and general. The AEC presents exhibits and demonstrations to increase public knowledge and understanding of the peaceful uses of nuclear energy and to encourage student interest in science careers. Inquiries about availability and scheduling should be directed to the AEC exhibits contractor, Oak Ridge Associated Universities, Oak Ridge, Tenn. 37830. Other questions may be referred to the Office of Information Services, Washington, D.C. (b) *Technical:* The Center provides reference and literature-searching services to qualified requesters. The majority of AEC's unclassified reports, critical reviews, symposia proceedings, translations, etc. may be purchased in paper copy or in microfiche from the National Technical Information Service, U.S. Department of Commerce, Springfield, Va. 22151. Certain libraries throughout the United States maintain collections of AEC scientific and technical reports through purchase of microfiche. Their report collections also include foreign reports that are abstracted in *Nuclear Science Abstracts* (NSA), NSA and its indexes, the *Technical Progress Reviews*, AEC-sponsored translations, conference proceedings published by AEC, and various bibliographic tools. Most of these libraries have microfiche reader-printers or other photocopy facilities to reproduce enlarged copies from microfiche. Charges for reproduction services vary. The libraries are located as follows:

Alabama

Auburn, Auburn University

Alaska

College, University of Alaska

Arizona

Tucson, University of Arizona

Arkansas

Fayetteville, University of Arkansas

California

Davis, University of California

Los Angeles, University of California

Stanford, Stanford University

Colorado

Boulder, University of Colorado

Denver, Public Library

Connecticut

New Haven, Yale University

Delaware

Newark, University of Delaware

District of Columbia

Washington, Library of Congress

Florida

Gainesville, University of Florida

Georgia

Atlanta, Georgia Institute of Technology

Hawaii

Honolulu, University of Hawaii

Idaho

Pocatello, Idaho State University

Illinois

Evanston, Northwestern University
Urbana, University of Illinois

Indiana

Lafayette, Purdue University

Iowa

Ames, Iowa State University

Kansas

Manhattan, Kansas State University

Kentucky

Lexington, University of Kentucky
Louisville, University of Louisville

Louisiana

New Orleans, Tulane University

Maryland

Baltimore, Johns Hopkins University
College Park, University of Maryland

Massachusetts

Cambridge, Massachusetts Institute of Technology

Michigan

Ann Arbor, University of Michigan

Mississippi

State College, Mississippi State University

Missouri

Kansas City, Linda Hall Library

Nevada

Las Vegas, University of Nevada
Reno, University of Nevada

New Jersey

Princeton, Princeton University

Teaneck, Fairleigh Dickinson University

New Mexico

Albuquerque, University of New Mexico

New York

Albany, The University of the State of New York
Buffalo, State University of New York at Buffalo
Ithaca, Cornell University
New York, Atomic Industrial Forum, Inc.
New York, Columbia University
Rochester, University of Rochester
Syracuse, Syracuse University

North Carolina

Durham, Duke University
Raleigh, North Carolina State University

Ohio

Cincinnati, University of Cincinnati
Columbus, Ohio State University
Toledo, University of Toledo

Oklahoma

Norman, University of Oklahoma

Oregon

Corvallis, Oregon State University

Pennsylvania

Philadelphia, University of Pennsylvania
Pittsburgh, Carnegie Library
University Park, Pennsylvania State University

Puerto Rico

San Juan, University of Puerto Rico

South Carolina

Columbia, University of South Carolina

Tennessee

Knoxville, University of Tennessee
Nashville, Joint University Libraries
Oak Ridge, Oak Ridge Associated Universities

Texas

Austin, University of Texas
College Station, Texas A&M University
Houston, Rice University
Lubbock, Texas Technological College

Utah

Salt Lake City, University of Utah

Virginia

Blacksburg, Virginia Polytechnic Institute and State University
Charlottesville, University of Virginia

Washington

Pullman, Washington State University
Seattle, University of Washington

West Virginia

0353

Morgantown, West Virginia University

Wyoming

Laramie, University of Wyoming

AUBURN UNIVERSITY

Alabama Agricultural Experiment Station

0353 Auburn University
Auburn, Ala. 36830
Tel: (205) 826-4840

AREAS OF INTEREST: General agriculture, with basic and applied research in the following areas: agricultural economics and rural sociology; agricultural engineering; agronomy and soils; animal health; animal science; botany and plant pathology; dairy science; forestry; home economics; horticulture; poultry; publications; zoology (wildlife and fisheries); and entomology.

PUBLICATIONS: *Highlights of Agricultural Research* (quarterly); research reports (bulletins, circulars, leaflets, progress reports, variety reports, technical papers).

INFORMATION SERVICES: Answers inquiries; provides consulting services as time and staff permit; provides soil tests and nematode identification; makes referrals.

Facilities include 16,814 acres of land at ten substations, four experiment fields, four forestry units, plant breeding unit, ornamental horticulture field station, foundation seed stocks farm, and the main station at Auburn.

Department of Fisheries and Allied Aquacultures

0354 Fisheries Bldg.
Auburn University
Auburn, Ala. 36830
Tel: (205) 826-4786

AREAS OF INTEREST: Research and management of warm-water fish species, with emphasis on limnology, fisheries biology, hatchery management, and physiology, nutrition, parasites, diseases, culture, processing and technology, and taxonomy of fish.

HOLDINGS: 7,000 fish specimens; 5 motion pictures; 1,600 photos; 2,300 slides; 200 technical reports; annual report summaries for 35 years; 140 pamphlets; research data and data compilations, newsletters, reprints, publication lists, news releases.

PUBLICATIONS: Technical reports, annual report.

AUBURN UNIVERSITY

INFORMATION SERVICES: Answers inquiries; provides consulting services. Services are available to scientists, fishery biologists, and fish farmers.

Facilities include a 1,300-acre watershed research area with 228 experimental ponds totaling 170 acres, 400 plastic-lined pools, and 92 concrete pools.

School of Pharmacy

0355 Auburn University
Auburn, Ala. 36830
Tel: (205) 826-4740

AREAS OF INTEREST: All aspects of pharmacy, including pharmacology and pharmacognosy; drugs (metabolism, potentiation, chronic toxicity studies); toxicology.

HOLDINGS: National clearinghouse of poison control centers index file; collection of books, reports, and slides.

INFORMATION SERVICES: Answers inquiries; provides consulting services (on fee basis for out-of-State clients); conducts programs on poison information and education.

Water Resources Research Institute

0356 314 Nuclear Science Center
Auburn University
Auburn, Ala. 36830
Tel: (205) 826-5075

AREAS OF INTEREST: Water resources planning, publications, and research; water reuse; public and private water supply; rural, recreational, municipal, industrial, and agricultural water use; waterways; wells; detergents in water; hydraulics; hydrogeology; fluid mechanics; pesticides in water; control, abatement, sources, and effects of water pollution; municipal and industrial wastes; waste treatment; waste water; water analysis; water chemistry; water conservation; water cycle; water microbiology; water purification; water quality; water reclamation; soil-water relations; salt water intrusion; reservoirs rivers and streams; water runoff; irrigation; lakes limnology; fish diseases; eutrophication; aquifers aquatic biology; aquatic ecology; aqueous solutions ground water.

HOLDINGS: Books, maps, project records, reports journals, newsletters, bibliographies, pamphlets.

PUBLICATIONS: Bulletin (research reports pamphlets, annual report.

INFORMATION SERVICES: Answers inquiries; make referrals; permits onsite use of collection.

AUDIO-DIGEST FOUNDATION

0357 619 South Westlake Ave.
Los Angeles, Calif. 90057
Tel: (213) 483-3451

AREAS OF INTEREST: Continuing medical education in the fields of general medicine, surgery, pediatrics, ophthalmology, otorhinolaryngology, obstetrics and gynecology, anesthesiology, and internal medicine.

INFORMATION SERVICES: Answers inquiries; prepares and issues tape recordings of abstracts of journal articles, lectures, and highlights of medical conferences. There is a charge for the tapes.

AULLWOOD AUDUBON CENTER

0358 1000 Aullwood Rd.
Dayton, Ohio 45414
Tel: (513) 890-9372

The Aullwood Audubon Center is sponsored by the National Audubon Society.

AREAS OF INTEREST: Conservation and conservation education; ecology.

HOLDINGS: Small collection of plant, animal, and fossil specimens; 400 photos; 1,800 slides; 3 motion pictures; 2,000 books; 250 periodicals; 250 pamphlets; maps and charts, display materials, publication lists, news releases.

PUBLICATIONS: *Aullwood Center Notes* (4 per year).

INFORMATION SERVICES: Answers brief inquiries; provides consulting and bibliographic services; makes referrals; permits onsite reference.

Facilities include a plant and wildlife sanctuary where young people can get an understanding of soil, water, plants, and animals, and the relationship of their wise use to human progress.

AUSTEN RIGGS CENTER, INC.

Austen Fox Riggs Library

0359 Austen Riggs Center, Inc.
Main St.
Stockbridge, Mass. 01262
Tel: (413) 298-5511

AREAS OF INTEREST: Psychoanalysis; psychiatry; psychology; sociology.

HOLDINGS: 7,842 books and bound journals; the David Rapaport Memorial Collection.

PUBLICATIONS: Monographs, articles by staff members in appropriate journals. A publications list is available.

INFORMATION SERVICES: Permits limited onsite use of collection by professionals and other qualified persons.

AYRSHIRE BREEDERS' ASSOCIATION

0360 Brandon, Vt. 05733
Tel: (802) 247-5774

AREAS OF INTEREST: Ayrshire breed of dairy cattle.

PUBLICATIONS: *The Ayrshire Digest* (monthly); reports.

INFORMATION SERVICES: Answers inquiries free; provides consulting services for fee.

BALDWIN-WALLACE COLLEGE

Biology Department

0361 Baldwin-Wallace College
Front St.
Berea, Ohio 44017
Tel: (216) 826-2261

AREAS OF INTEREST: Biology.

HOLDINGS: Small herbarium of Ohio plants.

INFORMATION SERVICES: Individual staff members answer inquiries in their areas of specialization. The herbarium may be used onsite.

BALTIMORE CITY HEALTH DEPARTMENT

0362 American Bldg.
Baltimore and South Sts.
Baltimore, Md. 21202
Tel: (301) 752-2000 Ext. 843

AREAS OF INTEREST: Public health, including aspects of industrial hygiene, environmental hygiene, food control, nutrition, mental health, alcoholism, drug abuse, dental care, preventive medicine, public health nursing, community health planning, health care delivery and coordination, health manpower development, health care biostatistical surveys and analysis, and emergency and disaster services.

HOLDINGS: Complete collection of Health Department annual reports from 1815 to present; other reports, periodicals.

PUBLICATIONS: *Weekly Letter to the Mayor* (newsletter with weekly statistics); *Baltimore Health News* (bimonthly); annual report, news releases, pamphlets.

0363

INFORMATION SERVICES: Answers inquiries; makes referrals; disseminates information through the utilization of mass media and through radio and television spot announcements and programs.

BATTELLE MEMORIAL INSTITUTE

Ecological Information and Analysis Center

0363 Battelle Memorial Institute
Columbus Laboratories
505 King Ave.
Columbus, Ohio 43201
Tel: (614) 299-3151

AREAS OF INTEREST: Systems ecology; food-chain studies; bioenergetics; mathematical modeling of ecosystems; thermal effluent effects; population dynamics; radionuclide cycling in the environment.

HOLDINGS: Reports on Government-sponsored research, books, journal articles, map, charts, technical papers, academic theses.

INFORMATION SERVICES: Provides technical advisory services and information on environmental problems on an individual project basis. Information files are accessible for onsite use.

Library

0364 Battelle Memorial Institute
Columbus Laboratories
505 King Ave.
Columbus, Ohio 43201
Tel: (614) 299-3191

AREAS OF INTEREST: Mechanical engineering, including materials, power, structure, instrumentation, heating and cooling, fluid and solid mechanics, thermodynamics, design and development, mechanical dynamics, product and manufacturing engineering, experimental methods, and building materials; chemical engineering, including processes, electrical, chemical-metallurgical, pilot plant design, electrolytic forming and machining, devices, materials concentration, separating, and high temperature kinetics; ceramics, including nuclear applications, building materials, porcelain enamels, refractories, and glass; metallurgy, including physical, powder-and-fiber, mechanical, extractive, ferrous, nonferrous, practice, metal joining, working, science, and engineering; technology, including fuel, textile and fiber, leather, wood, pulp and paper, lubricant, petroleum, welding, and graphic arts; mineralogy and microscopy, including processes and ores;

BATTELLE MEMORIAL INSTITUTE

aeronautics, including space technology; electronics, including devices, components, systems, computers, processing techniques, properties of materials, circuit design and development, reliability engineering, and communications science; nuclear energy, including materials, radiation, shielding, engineering, reactor technology, and radioisotopes; chemistry, including organic, polymer, inorganic, surface, physical, petroleum, rubber and plastics, organic coatings, and catalysts; physics, including mathematical, applied, solid state, and nuclear; biosciences, including biochemistry, biophysics, agricultural chemistry, food technology, microbiology, immunology, and pharmaceutical chemistry; economics, including industrial, area, agricultural, marketing, and research and development preplanning; psychology, including engineering, sensory, personnel, and human factors research; information research, including operations research; oceanology; environmental sciences; transportation.

HOLDINGS: Over 130,000 books and bound journals, 75,000 reports, 28 drawers of microfilm and microcards, and 3,000 current journals; 11 current newspapers; patents, films, photos, maps, charts. In addition to the central library, the Institute maintains the following specialized libraries: the Slavic Library, which houses Russian and other Slavic publications, including many cover-to-cover translations of Russian technical journals; the Social and Systems Sciences Library, which specializes in environmental and regional planning, management systems, educational management and technology, and social systems; the Technical Economics Library, which specializes in engineering economics, market research, and research administration; and the Classified Library, which maintains the collection of classified documents.

PUBLICATIONS: Accessions lists.

INFORMATION SERVICES: Answers inquiries; provides technical advice on the planning of libraries and information centers; makes interlibrary loans, within certain limits; provides literature-searching and duplication services.

Pacific Northwest Laboratories Technical Library

0365 Battelle Memorial Institute
P.O. Box 999
Richland, Wash. 99352
Tel: (509) 942-1111 Ext. 3611

AREAS OF INTEREST: Nuclear science; engineering physics; chemistry; mathematics; metallurgy

radiological sciences; anesthetics; carcinogens; aerosols; cigarettes; virology; particles; blood abnormality; cancer; teratism; water and air pollution; emphysema; terrestrial and aquatic ecology; hyperbaric effects.

HOLDINGS: 50,000 books; 1,800 periodical titles; 22,000 bound periodical volumes; 325,000 technical reports (125,000 in microform).

INFORMATION SERVICES: Answers inquiries; provides reference, consulting, and literature-searching services by arrangement; makes referrals; makes inter-library loans; permits onsite use of collection by arrangement.

William F. Clapp Laboratories

0366 Battelle Memorial Institute
Washington St.
Duxbury, Mass. 02332
Tel: (617) 934-5682

AREAS OF INTEREST: Marine research; oceanography; marine microbiology; marine ecology; biomedical research utilizing marine organisms; cultivation, collection, holding, and shipping of marine animals for laboratory use; algae culture; pollution assay of marine waters; thermal pollution; histochemical and cytochemical effects of specific pollutants and toxicants upon sensitive stages of marine organisms; seafarming, including engineering aspects of shellfish farming; toxicology of shellfish and finfish; anticarcinogens of marine origin; corrosion, fouling, and marine destruction of materials in relation to transportation, construction, desalination, and similar activities; power plant and industrial utilization of estuarine waters.

HOLDINGS: A technical library of 1,000 books, 100 periodical titles, technical reports, and reprints.

PUBLICATIONS: Reports, reviews, original research articles in scientific journals.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides reference, consulting, literature-searching, and duplication services on a cost-reimbursement basis; permits onsite reference by qualified investigators.

Facilities include laboratories equipped for research in algae culture, shellfish culture and genetics, histochemistry, microbial ecology, marine deterioration and fouling, endocrinology-biomedical, and physiological ecology; water sources and systems providing constant supplies of salt and fresh water; and craft for collection of marine samples.

BAY-ARENAC-IOSCO COUNTIES MEDICAL SOCIETY

0367 c/o Dr. John Ley, Secretary-Treasurer
Allen Medical Bldg.
101 West John St.
Bay City, Mich. 48706
Tel: (517) 892-4545

AREAS OF INTEREST: Medicine; medical ethics and practice; medical research.

HOLDINGS: Small reference library of books, journals, and reports.

PUBLICATIONS: *The Bulletin-BAICMS*; conference proceedings.

INFORMATION SERVICES: Provides consulting services; makes referrals.

BAYARD CUTTING ARBORETUM

0368 P.O. Box 66
Oakdale, Long Island, N.Y. 11769

Location:

Montauk Highway, Route 27A (between East Islip and Oakdale)
Oakdale, Long Island, N.Y.
Tel: (516) 581-1002

AREAS OF INTEREST: Horticulture; floriculture; landscape architecture; ornithology; zoology.

HOLDINGS: Plant specimens; a collection of bird mountings, nests, and eggs; photos, maps, posters and other display materials, technical reports, standards and specifications, reprints, pamphlets, news releases, clippings.

PUBLICATIONS: Brochure, checklist of conifers at the Arboretum.

INFORMATION SERVICES: Answers inquiries; provides consulting services; identifies plant materials; makes referrals; permits onsite use of collections.

BAYLOR UNIVERSITY

College of Medicine

Department of Virology and Epidemiology

0369 College of Medicine
Baylor University
Houston, Tex. 77025

0370

BEAR MOUNTAIN TRAILSIDE MUSEUMS AND NATURE TRAILS

Tel: (713) 529-4951 Ext. 403

AREAS OF INTEREST: Virology, including viral infections, virus diseases, viral genetics, immunology, viral vaccines, chemotherapy, electron microscopy of viral particles, and tumor viruses; epidemiology.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Services are available to professional persons only.

**BEAR MOUNTAIN TRAILSIDE
MUSEUMS AND NATURE TRAILS**

0370 Bear Mountain, N.Y. 10911
Tel: (914) 786-2701

AREAS OF INTEREST: Zoology, botany, geology, ecology, archeology, and Revolutionary War history, all as related to the Bear Mountain region.

HOLDINGS: 1,125 specimens from the local region; 5,200 books; 700 journals; 625 photos; 1,000 slides; maps, charts, pamphlets, unevaluated data.

INFORMATION SERVICES: Answers brief inquiries; provides short lists of literature citations in response to specific inquiries; makes referrals; permits onsite use of collections.

**BEEKMAN-DOWNTOWN HOSPITAL
LIBRARY**

0371 170 William St.
New York, N.Y. 10038
Tel: (212) 233-5300 Ext. 341

AREAS OF INTEREST: Medicine; surgery; radiology; pathology.

HOLDINGS: 2,700 books, including a special collection on surgery of traumatic injuries; 135 periodical subscriptions.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; permits onsite use of collection.

BELOIT COLLEGE LIBRARIES

Herbert V. Kohler Science Library

0372 Beloit College
Beloit, Wis. 53511
Tel: (608) 365-3391 Ext. 226

AREAS OF INTEREST: Biology; chemistry; geology; mathematics; physics.

HOLDINGS: 11,000 books; 133 journal titles; special collection of State geological surveys. The Library is a depository for U.S. Government documents and for U.S. Geological Survey and U.S. Army maps.

INFORMATION SERVICES: Makes interlibrary loans; permits onsite reference.

**BERKELEY DEPARTMENT OF PUBLIC
HEALTH**

0373 2121 McKinley Ave.
Berkeley, Calif. 94703
Tel: (415) 644-6420

AREAS OF INTEREST: Public health; preventive medicine.

HOLDINGS: Small collection of books, journals, and reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

BERKSHIRE MEDICAL CENTER

Medical Library

0374 Pittsfield General Division
725 North St.
Pittsfield, Mass. 01201
Tel: (413) 443-5641 Ext. 332

St. Luke's Division
379 East St.
Pittsfield, Mass. 01201
Tel: (413) 443-9121 Ext. 311

AREAS OF INTEREST: Medicine, nursing, and paramedical subjects.

HOLDINGS: 12,000 books and bound journals; 200 periodical titles.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, literature-searching, and duplication services; makes referrals; makes interlibrary loans; makes direct loans to bona fide biomedical workers in the area and to students in hospital-sponsored educational programs; permits onsite use of collection.

BIO-ASSAY LABORATORY

0375 7035 Carpenter Freeway
Dallas, Tex. 75222
Tel: (214) 631-1630

AREAS OF INTEREST: Paramedical bioassay.

HOLDINGS: 1.5 million veterinary and human medical specimens.

INFORMATION SERVICES: Answers brief inquiries; provides paramedical consulting services; provides short lists of literature citations in response to specific inquiries; furnishes analytical and clinical chemical testing services; permits onsite use of collection.

BIO-DYNAMIC FARMING AND GARDENING ASSOCIATION, INC.

0376 R.D. 1

Stroudsburg, Pa. 18360

Tel: (717) 992-4432

Biochemical Research Laboratory

Threefold Farm

Spring Valley, N.Y. 10977

Tel: (914) 356-1645

AREAS OF INTEREST: The Association promotes the biodynamic method of agriculture for the purpose of improving nutrition and health. It is interested in soil conservation, balanced fertility, the principles of ecology, and a stable diversified agriculture through the use of biodynamic treatment of manures, composts, and green manures to raise their fertilizer and humus forming qualities. The Biochemical Research Laboratory conducts research for improvements in composting and humus formation and specializes in their microbiology.

HOLDINGS: Reports on agribiology, with emphasis on methods of chromatography and sensitive crystallization developed by the Laboratory for testing soils, composts, and produce.

PUBLICATIONS: *Bio-Dynamics* (quarterly).

INFORMATION SERVICES: Information is made available through literature and conferences. A consulting and testing service on soils, crops, and farm and commercial composting is provided, for a fee, by the Biochemical Research Laboratory.

BIO-INSTRUMENTATION ADVISORY COUNCIL

see American Institute of Biological Sciences

BIO-SCIENCES LABORATORIES

0377 7600 Tyrone Ave.

Van Nuys, Calif. 91405

Tel: (213) 873-3751

AREAS OF INTEREST: Chemical and microbiological analyses of biological fluids, foods, and drugs; karyotyping of cell chromosomes; toxicity and sterility studies; automated analytical procedures and computer hookup; bioassays involving small animals; clinical chemistry; biochemistry; radioisotope procedures; endocrinological assays.

HOLDINGS: 3,000 books; 120 periodical subscriptions.

PUBLICATIONS: Pamphlets.

INFORMATION SERVICES: Answers inquiries; permits onsite use of collection.

BIOGEOCHEMICAL ECOLOGY INFORMATION CENTER

see Oak Ridge National Laboratory

BIOLOGICAL ABSTRACTS

see Biosciences Information Service of Biological Abstracts

BIOLOGICAL SCIENCES CURRICULUM STUDY

see University of Colorado

BIOLOGICAL SOCIETY OF NEVADA

0378 P.O. Box 167

Verdi, Nev. 89439

AREAS OF INTEREST: Systematic biology, mainly of Nevada and the western Great Basin area; freshwater algae; entomology; ichthyology; herpetology; Naucoridae (Hemiptera) of the world; Tenebrionidae (Coleoptera) of the United States; aquatic Coleoptera of Nevada; Orthoptera of Nevada; Tertiary cold-blooded vertebrates, particularly fishes; limnology.

HOLDINGS: Representative collections of world Naucoridae, United States Tenebrionidae, Nevada algae, Orthoptera, aquatic Coleoptera, fishes, amphibians, reptiles, and Tertiary fishes of a few species; complete reprint library of world Naucoridae and United States Tenebrionidae; suitable working

0379

reprint files concerning remaining listed areas for Nevada.

PUBLICATIONS: *Occasional Papers* and *Memoires* (both irregular).

INFORMATION SERVICES: Provides limited consulting and identification services, mostly locally; provides unlimited identification of Naucoridae; permits onsite use of collections and library facilities by specialists.

BIOLOGICAL STAIN COMMISSION, INC.

0379 University of Rochester Medical Center
c/o Department of Biochemistry
Rochester, N. Y. 14620
Tel: (716) 275-2751

AREAS OF INTEREST: Development and certification of biological stains; histological techniques; biological uses of dyestuffs; histochemistry; techniques of autoradiography, electron microscopy, and immunofluorescence.

HOLDINGS: Data, nonprinted material.

PUBLICATIONS: *Stain Technology* (bimonthly); two books: *Biological Stains* and *Staining Procedure*, both published by Williams and Wilkins Co., Baltimore, Md.

INFORMATION SERVICES: Provides consulting services.

BIOMETRIC SOCIETY, WESTERN NORTH AMERICAN REGION

0380 c/o Dr. Jan W. Kuzma
Department of Biostatistics
Loma Linda University
Loma Linda, Calif. 92354
Tel: (714) 796-8333

AREAS OF INTEREST: Biometrics and genetics, particularly of western North America; probit analysis; biostatistics; bioassay; classification; statistical design of experiments and surveys; mathematical modeling of biological processes.

HOLDINGS: Books, reports, proceedings of International Biometric Conferences.

PUBLICATIONS: Directory.

INFORMATION SERVICES: Answers inquiries.

BIOLOGICAL STAIN COMMISSION, INC.

BIOSCIENCES INFORMATION SERVICE OF BIOLOGICAL ABSTRACTS

0381 2100 Arch St.
Philadelphia, Pa. 19103
Tel: (215) 568-4016

AREAS OF INTEREST: The research literature of the life sciences, including: aerospace biology; agricultural bacteriology; behavioral sciences; biochemistry; bioinstrumentation; biophysics; cell biology; environmental biology; experimental medicine; genetics; immunology; microbiology; nutrition; parasitology; pharmacology; plant and animal pathology and physiology; public health; radiation biology; systematic biology; toxicology; veterinary science; virology.

HOLDINGS: Magnetic tape records of bibliographic references and indexes and printed and microfilm records of bibliographic references, abstracts, and indexes from 1917 to date. Approximately 3 million references are included.

PUBLICATIONS: *Biological Abstracts* (semimonthly); *BioResearch Index* (monthly); *Abstracts of Mycology* (monthly); *Abstracts of Entomology* (monthly); *Annual Cumulative Indexes* (for each publication). Subject, author, cross, and taxonomic indexes are published and stored on magnetic tape for computer retrieval.

INFORMATION SERVICES: In addition to its publications, the Service provides information through its search services, which include three current awareness services [C.L.A.S.S. (Current Literature Alerting Search Service), Standard Profiles, Group Profiles], Recurrent Bibliographies, and Retrospective Searches.

BLANDY EXPERIMENTAL FARM--ORLAND E. WHITE RESEARCH ARBORETUM

see University of Virginia

BLODGETT MEMORIAL HOSPITAL MEDICAL LIBRARY

0382 1840 Wealthy St. SE.
Grand Rapids, Mich. 49506
Tel: (616) 456-5301 Ext. 270

BOSTON UNIVERSITY

AREAS OF INTEREST: Medicine and surgery, including clinical and research aspects.

HOLDINGS: 8,200 books; 168 periodical subscriptions; 1,100 Frank Netter slides (Ciba); Audio-Digest tapes in medicine and surgery from 1965.

INFORMATION SERVICES: Answers inquiries; provides reference and literature-searching services; provides duplication services for fee; lends some materials. Services are primarily for staff members, medical personnel, and high school and college students.

BLOOMSBURG STATE COLLEGE

Biology Department

0383 Bloomsburg State College
2d and Penn Sts.
Bloomsburg, Pa. 17815
Tel: (717) 784-4660 Ext. 291 or 344

AREAS OF INTEREST: Biological sciences, including entomology, cytogenetics, botanical chemo-taxonomy, animal behavior, wildlife (game animals), ecology, and secondary school biology programs, particularly the Biological Sciences Curriculum Study.

HOLDINGS: 100 periodical titles; small collection of books and reports.

PUBLICATIONS: Articles by staff members are published in appropriate journals.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; makes interlibrary loans. Services are provided free to some users and at cost to others.

BLUEFIELD SANITARIUM CLINIC LABORATORY

0384 525 Bland St.
Bluefield, W. Va. 24701
Tel: (304) 325-6176 Ext. 374

AREAS OF INTEREST: Clinical pathology, including qualitative identification of common toxic agents in biological materials.

HOLDINGS: 1,500 books; 100 periodical titles.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, literature-searching, and duplication services; performs laboratory analyses for fee. Services are primarily for physicians in Mercer and McDowell counties of West Virginia and Bland and Tazewell counties of Virginia.

0387

BOERNER BOTANICAL GARDENS

0385 2879 South 92d St.
Hales Corner, Wis. 53130
Tel: (414) 421-1130

The Boerner Botanical Gardens are supported by the Milwaukee County Park Commission.

AREAS OF INTEREST: Botany; horticulture.

HOLDINGS: 50,000 herbaceous and hardy woody plants; 3,000 slides; 300 photos; 1,000 books; 200 periodicals; motion pictures, project records, display materials, abstracts, newsletters, pamphlets, clippings, news releases.

PUBLICATIONS: Booklets, leaflets, announcements.

INFORMATION SERVICES: Answers inquiries; makes referrals; identifies plants and plant diseases; permits onsite use of literature collection. The Gardens are open to the public free.

BOONE AND CROCKETT CLUB

0386 Carnegie Museum
4400 Forbes Ave.
Pittsburgh, Pa. 15213
Tel: (412) 683-7397

AREAS OF INTEREST: Big game hunting; conservation through selective harvesting; habitats and natural history of various wild animals; predator-prey relations; travel and exploration.

INFORMATION SERVICES: Answers inquiries; makes referrals.

BOSTON UNIVERSITY

Aphasia Research Center

0387 Boston University
150 South Huntington Ave.
Boston, Mass. 02130
Tel: (617) 232-9500

AREAS OF INTEREST: Brain function in language and related higher processes.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Bibliographies, research progress reports.

INFORMATION SERVICES: Answers inquiries from investigators doing related research.

0388

Boston University Medical Center

Computer Center

0388 Boston University Medical Center
750 Harrison Ave.
Boston, Mass. 02118
Tel: (617) 262-4200

AREAS OF INTEREST: Application of computer programs to hospital administration and biomedical research.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Services are provided free or at cost, depending on amount of time and effort required.

Facilities include an IBM 360 computer.

Department of Biology

0389 Boston University
2 Cummings St.
Boston, Mass. 02215
Tel: (617) 353-2432

AREAS OF INTEREST: Marine biology; vascular physiology (microcirculation); reproductive physiology; radiation biology; parasitology; cell biology; biochemistry.

HOLDINGS: Extensive bird collection; Stuart K. Harris Herbarium (New England flora); two Biology Libraries.

PUBLICATIONS: *Microvascular Journal*; brochures on educational programs (biochemistry, marine program, vascular physiology, radiation biology); motion pictures.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Services are provided to the scientific community and fees may be charged.

Law-Medicine Research Institute

0390 Boston University
141 Bay State Rd.
Boston, Mass. 02215
Tel: (617) 353-3020

AREAS OF INTEREST: All academic, research, and service areas in which law and the behavioral sciences are involved together, including legal psychiatry and mental competency, forensic pathology, juvenile courts and delinquency, public health laws and health legislation, crime and violence, and alcohol and drug abuse.

BOSTON UNIVERSITY

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Reports, bibliographies, books, clinical studies, law-medicine columns.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; lends materials; assists in curriculum development. Services are provided at cost to some users and are available to professional persons in law and the behavioral sciences and to all agencies and institutions in legal, medical, correctional, or child care work.

School of Graduate Dentistry

0391 Boston University
80 East Concord St.
Boston, Mass. 02118

Location:

100 East Newton St.
Boston, Mass.
Tel: (617) 262-4200 Ext. 6166

AREAS OF INTEREST: Basic and clinical aspects of dental specialties.

HOLDINGS: 25,000 books; 250 periodical titles.

INFORMATION SERVICES: Answers inquiries; makes referrals; permits onsite use of collection. Services are available only to special groups in dentistry and medicine.

BOTANICAL SOCIETY OF AMERICA, INC.

0392 c/o Dr. Barbara F. Palser, Secretary
Department of Botany
Rutgers University
New Brunswick, N.J. 08903
Tel: (201) 247-1766

AREAS OF INTEREST: All aspects of botany, including developmental, general, historical, microbiological, paleobotanical, physiological, phycological, pteridological, and systematic; botanical education.

PUBLICATIONS: *American Journal of Botany* (monthly); *Plant Science Bulletin* (quarterly); miscellaneous publications (biennial); *Botany as a Profession*; *Guide to Graduate Study in Botany*.

INFORMATION SERVICES: Answers written inquiries within limits of staff time (inquiries are judged on individual merit). Telephoned inquiries are not accepted.

BOWMAN GRAY SCHOOL OF MEDICINE

Library

0393 Bowman Gray School of Medicine
300 South Hawthorne Rd.
Winston-Salem, N.C. 27103
Tel: (919) 725-7251 Ext. 7191

AREAS OF INTEREST: General medicine; basic sciences; behavioral sciences; experimental and laboratory animal medicine; oncology.

HOLDINGS: 14,000 books; 45,000 journals.

PUBLICATIONS: *Folio* (bimonthly bulletin); *Periodicals Information* (quarterly); *Current Periodical Titles Received* (irregular).

INFORMATION SERVICES: Provides literature-searching services and lists of literature citations in response to specific inquiries; provides consulting and advisory services to North Carolina hospital libraries; provides reference services and lends materials to practicing physicians and other health personnel in North Carolina; makes interlibrary loans; permits onsite use of collection. Computer print-outs of library holdings by special subject, author, or title are provided on request.

BOWMAN'S HILL STATE WILD FLOWER PRESERVE

0394 Washington Crossing State Park
Washington Crossing, Pa. 18977
Tel: (215) 862-2924

AREAS OF INTEREST: Native plants of Pennsylvania.

HOLDINGS: Large herbarium of flowering plants, trees, shrubs, vines, grasses, ferns, and clubmosses.

PUBLICATIONS: *Native Plants of Pennsylvania*; pamphlets, leaflets.

INFORMATION SERVICES: Answers inquiries; provides consulting services; identifies plant specimens; makes referrals. The Preserve is open to the public.

BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH, INC. LIBRARY

0395 1086 North Broadway
Yonkers, N.Y. 10701
Tel: (914) 965-0390

AREAS OF INTEREST: Botany and such related subjects as biochemistry, entomology, and agriculture.

HOLDINGS: 32,500 books and bound volumes of periodicals; 10,000 pamphlets, leaflets, and brochures; 120 rolls of microfilm; publications of the U.S. Department of Agriculture and State agricultural experiment stations.

INFORMATION SERVICES: Makes interlibrary loans; permits onsite use of collection.

BRAIN INFORMATION SERVICE

see University of California, Los Angeles. School of Medicine

BRANDEIS UNIVERSITY

Gerstenzang Science Library

0396 Brandeis University
415 South St.
Waltham, Mass. 02154
Tel: (617) 894-6000 Ext. 348 or 552

AREAS OF INTEREST: Biochemistry (malignancy research, optical kinetics); biology; physics; mathematics; chemistry; astronomy.

HOLDINGS: 50,000 volumes; 700 current periodical titles; reports.

INFORMATION SERVICES: Answers inquiries; provides reference, literature-searching, and duplication services; makes interlibrary loans; permits onsite use of collection. Services are available to academic institution users and research associate users (a fee may be charged to research associate users).

BRIGHAM YOUNG UNIVERSITY

Library

0397 Brigham Young University
Provo, Utah 84601
Tel: (801) 374-1211 Ext. 2906
(801) 374-1211 Ext. 2948 (Interlibrary Loan)

AREAS OF INTEREST: Chemical, civil, electrical, and mechanical engineering; geology; mathematics; physics; chemistry; computer science; bacteriology; botany; zoology; entomology; business; economics; education; sociology; government; psychology.

0398

HOLDINGS: 900,000 books; 7,668 periodical titles; 4,500 technical reports; pamphlets. The Library is a depository for U.S. and Canadian Government publications.

INFORMATION SERVICES: Answers inquiries; makes referrals; makes interlibrary loans of nonreference monographic materials; provides duplication services for fee; permits onsite reference.

BROOKDALE HOSPITAL CENTER

0398 Rockaway Parkway and Linden Blvd.
Brooklyn, N.Y. 11212
Tel: (212) 495-6800

Affiliated with New York University and Columbia University College of Physicians and Surgeons, the Brookdale Hospital Center is a voluntary, nonprofit hospital for patient care, medical education, and scientific research.

AREAS OF INTEREST: Animal and human toxicology; adverse reactions to drugs; poisonings.

PUBLICATIONS: Reports of poisonings to City health authorities; research studies.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services at cost to scientists, medical personnel, and Government agencies.

BROOKGREEN GARDENS

0399 Murrells Inlet, S.C. 29576
Tel: (803) 237-4657

AREAS OF INTEREST: Flora and fauna of the Southeastern United States.

HOLDINGS: 2,000 plant and animal specimens; 700 photos; 1,200 slides; 800 books.

INFORMATION SERVICES: Answers inquiries; identifies plants; provides consulting services; provides short lists of literature citations in response to specific inquiries; makes referrals; permits onsite use of collections.

BROOKHAVEN NATIONAL LABORATORY

Associated Universities, Inc.

0400 Upton, Long Island, N.Y. 11973
Tel: (516) 924-6262

AREAS OF INTEREST: Nuclear physics; nuclear chemistry; solid state physics; nuclear medicine;

BROOKDALE HOSPITAL CENTER

biology; nuclear engineering; health physics; electronics and instrumentation; metallurgy.

HOLDINGS: 85,000 books and bound journals; 1,500 unbound journals; 100,000 AEC technical reports.

PUBLICATIONS: *Weekly Selected Reading List*; annual report, technical reports.

INFORMATION SERVICES: Answers inquiries; makes interlibrary loans; permits onsite use of literature collection.

Biology Department

0401 Brookhaven National Laboratory
Upton, Long Island, N.Y. 11973
Tel: (516) 924-6262

AREAS OF INTEREST: Effects of ionizing radiations on animals and plants.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Reports, bibliographies, critical reviews.

INFORMATION SERVICES: Answers inquiries; provides consulting services; lends materials. Services are generally provided only to Government and academic personnel.

Research Library

0402 Brookhaven National Laboratory
Upton, Long Island, N.Y. 11973
Tel: (516) 924-6262 Ext. 2246

AREAS OF INTEREST: Physics, including high energy physics, neutron physics and nuclear structure, solid state physics, and low temperature physics; chemistry, including nuclear chemistry, structural and theoretical physics, inorganic chemistry, radiation and hot atom chemistry, isotope effects, analytical chemistry, and physical chemistry; biology, including genetics, general physiology, biochemistry, biophysics, molecular biology, and ecology; medical sciences, including industrial medicine, microbiology, biochemistry, physiology, medical physics, and hematology; mathematics, including computer operations and programming research and applied mathematics research; nuclear engineering, including reactor physics, chemistry and chemical engineering, metallurgy and materials science, reactor engineering, hot laboratory operations, and radiation development; instrumentation and health physics, including meteorology and safety.

HOLDINGS: 45,000 books; 1,500 current periodicals; 50,000 AEC reports; 60,000 volumes of bound journals.

PUBLICATIONS: *Weekly Selected Reading List*; *Acquisitions List* (monthly).

INFORMATION SERVICES: Answers brief inquiries; provides limited reference services; makes interlibrary loans; permits onsite use of collection by appointment.

BROOKLYN-CUMBERLAND MEDICAL CENTER

0403 121 DeKalb Ave.
Brooklyn, N.Y. 11201
Tel: (212) 270-4400

AREAS OF INTEREST: Medicine, including research in kidney peritoneal dialysis.

HOLDINGS: A library of books, journals, abstracts, reprints, bibliographies, and pamphlets.

INFORMATION SERVICES: Answers inquiries from anyone above the college level; provides medical consulting services.

BROOKLYN PUBLIC LIBRARY

Science and Industry Division

0404 Brooklyn Public Library
Grand Army Plaza
Brooklyn, N.Y. 11238
Tel: (212) 789-1212

AREAS OF INTEREST: Science and technology, including specialization in ornithology, anthropology, automobiles, chemistry, cooking, engineering geology, mathematics, radio, and television.

HOLDINGS: 200,000 books; 1,000 journals; reports, U.S. patent gazette, maps, charts.

PUBLICATIONS: *Service to Business and Industry* (9 a year from October to June).

INFORMATION SERVICES: Answers brief mail and telephone inquiries; provides duplication services for fee; makes interlibrary loans; permits onsite reference.

BROWN UNIVERSITY

Biological Sciences Library

0405 Brown University
P.O. Box 1
Providence, R.I. 02912

Location:

201 Thayer St.
Providence, R.I.
Tel: (401) 863-2112

AREAS OF INTEREST: Anatomy; physiology; biochemistry; zoology; botany; psychology.

HOLDINGS: 34,795 volumes; 40,850 volumes of bound periodicals; 1,755 current periodical subscriptions.

INFORMATION SERVICES: Answers inquiries; provides reference, literature-searching, and duplication services; makes interlibrary loans; makes direct loans to members of the University community. Borrowers' cards are issued to certain classes of Rhode Island residents. Reference services are provided free to qualified users. A borrower's fee of \$50 per semester is charged to others with bona fide research needs.

Division of Biological and Medical Sciences

0406 Brown University
Box G
Providence, R.I. 02912
Tel: (401) 863-2431

AREAS OF INTEREST: Population biology and genetics; microbiology and molecular biology; developmental biology; pathology; cell biology and cytology; morphology; biochemical pharmacology; physiological chemistry; physiology and biophysics; neural sciences; botany; medicine; surgery.

HOLDINGS: 25,000 books; 500 periodical titles; reports; primate skeleton collection.

PUBLICATIONS: Bibliographies, abstracts, directories.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; makes interlibrary loans; permits onsite use of collections. Services are usually provided free or at cost to nonprofit organizations and Government agencies, and at cost plus institutional overhead to commercial organizations.

Special facilities include an animal care facility, a biomedical computing facility, and a testing and evaluation of artificial organs facility.

0407

BUFFALO MUSEUM OF SCIENCE

0407 Humboldt Park
Buffalo, N.Y. 14211
Tel: (716) 896-5200

The Museum is administered by the Buffalo Society of Natural Sciences.

AREAS OF INTEREST: Natural history, including anthropology, astronomy, botany, conchology, entomology, geology, mineralogy, ornithology, paleontology, and zoology.

HOLDINGS: Study collections and exhibits; a research library.

PUBLICATIONS: *Science on the March* (quarterly); *Bulletin of the Buffalo Society of Natural Sciences* (occasional).

INFORMATION SERVICES: Provides limited identification services; makes interlibrary loans; permits onsite use of collections by qualified researchers.

Facilities include solar and lunar observatories.

BUREAU OF LAND MANAGEMENT

see Interior, Department of the

BUREAU OF NARCOTICS AND DANGEROUS DRUGS

see Justice, Department of

BUREAU OF SPORT FISHERIES AND WILDLIFE

see Interior, Department of the

BURKE REHABILITATION CENTER

Nutrition and Metabolic Research Division

0408 Burke Rehabilitation Center
Mamaroneck Ave.
White Plains, N.Y. 10605
Tel: (914) 948-3676

AREAS OF INTEREST: Protein and calcium metabolism; nutrition; anabolic steroids; corticosteroids.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Books, reports, critical reviews.

BUFFALO MUSEUM OF SCIENCE

INFORMATION SERVICES: Answers inquiries; provides consulting services on fee basis.

BUTLER UNIVERSITY

College of Pharmacy

0409 Butler University
4600 Sunset Ave.
Indianapolis, Ind. 46208
Tel: (317) 923-3451

AREAS OF INTEREST: Pharmacy; pharmacology; pharmacognosy; medicinal chemistry; biochemistry; bionucleonics.

HOLDINGS: 10,000 books; 5,000 reports; 181 periodicals.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; makes interlibrary loans.

CALIFORNIA ACADEMY OF SCIENCES

J. W. Mailliard, Jr. Memorial Library

0410 California Academy of Sciences
Golden Gate Park
San Francisco, Calif. 94118
Tel: (415) 221-5100 Ext. 75

AREAS OF INTEREST: Astronomy, aquatic biology, botany, entomology, geology, ichthyology, invertebrate zoology, herpetology, ornithology, mammalogy, and paleontology, particularly of the Pacific Basin.

HOLDINGS: 71,000 volumes, including books, journals, and reports, with emphasis on taxonomic and systematic material. All major languages are represented in the holdings.

INFORMATION SERVICES: Provides reference services; makes interlibrary loans; permits onsite use of collection. Services are intended primarily for professional personnel, students, and others for whom a research collection is appropriate.

Science Museum

0411 California Academy of Sciences
Golden Gate Park
San Francisco, Calif. 94118
Tel: (415) 221-5100

AREAS OF INTEREST: Natural history, including systematic biology, conchology, paleontology, botany, entomology, herpetology, ichthyology, invertebrate zoology, ornithology, and mammalogy; mineralogy; astronomy.

HOLDINGS: 516,000 plant specimens; over 5.6 million insect specimens; 128,500 reptiles; 550,000 invertebrates; 82,000 birds and 20,000 mammals; 96,000 lots of fish; 57,000 fossils.

PUBLICATIONS: The Academy publishes *Pacific Discovery* (bimonthly), *Memoir* (irregular), *Proceedings*, *Occasional Papers*, a newsletter, and news releases.

INFORMATION SERVICES: Answers brief inquiries; provides consulting services; identifies specimens; lends specimens to recognized institutions. The Museum is open to the public.

Steinhart Aquarium

0412 California Academy of Sciences
Golden Gate Park
San Francisco, Calif. 94118
Tel: (415) 221-5100

AREAS OF INTEREST: Care, feeding, and displaying of marine and fresh water fishes, amphibians, reptiles, and aquatic mammals from all over the world; aquarium administration and management; ultraviolet sterilization of sea water; toxicity of aquarium materials; diseases of aquarium specimens.

HOLDINGS: Over 10,000 living specimens of marine and fresh water fishes, amphibians, reptiles, and aquatic mammals; a small departmental library of recorded animal sounds, photos, slides, books, reprints, and bibliographies. The Aquarium also uses the facilities of the Academy's Mailliard Library.

PUBLICATIONS: Technical reports.

INFORMATION SERVICES: Answers inquiries; provides limited consulting services to governmental agencies and other aquaria; makes referrals; permits onsite use of literature collection by graduate students, bona fide researchers, and visiting scientists. Services are provided according to available time and personnel. The Aquarium is open to the public.

Facilities include collecting gear and operational equipment.

CALIFORNIA AGRICULTURAL EXPERIMENT STATION

see University of California, Berkeley

CALIFORNIA COLLEGE OF MORTUARY SCIENCE

Library

0413 California College of Mortuary Science
1920 Marengo St.
Los Angeles, Calif. 90033
Tel: (213) 221-2144

AREAS OF INTEREST: Mortuary science, embalming, funeral directing, and related subjects.

HOLDINGS: Small collection of books, journals, and articles.

INFORMATION SERVICES: Answers inquiries; provides reference services; permits onsite use of collection.

CALIFORNIA DEPARTMENT OF MENTAL HYGIENE

Neuropsychiatric Institute

Professional Staff Library

0414 Neuropsychiatric Institute
Center for the Health Sciences
University of California
Los Angeles, Calif. 90024
Tel: (213) 825-0597

AREAS OF INTEREST: Psychiatry; psychoanalysis; clinical psychology; psychotherapy; hospital administration, including nursing and personnel; behavioral and social sciences; psychiatric nursing; psychiatric social work; rehabilitation; semantics; social and economic Americana.

HOLDINGS: 5,235 books; 400 journals; 20,000 reprints; clippings, staff publications, pamphlets.

PUBLICATIONS: Accessions lists (weekly and monthly, with annotations).

INFORMATION SERVICES: Answers inquiries; provides various specialized services.

CALIFORNIA DEPARTMENT OF PUBLIC HEALTH

0415 2151 Berkeley Way
Berkeley, Calif. 94704
Tel: (415) 843-7900

AREAS OF INTEREST: Public health in California, including vital statistics, population, environmental surveillance (including air and water pollution),

0416

food and drugs, pesticides, radiation machines, radioactive material licensing, chronic and communicable diseases (including zoonosis), children's diseases, and health facilities.

HOLDINGS: Data compilations, motion pictures, photos, slides, maps and charts, posters and other display materials, project records, graphs, technical reports, standards and specifications, reviews, books, journals, abstracts, newsletters, reprints, publication lists, bibliographies, pamphlets, press releases, clippings, samples and specimens.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; prepares tabulations and analyses at cost; permits onsite use of collection after negotiation.

Bureau of Food and Drug

0416 California Department of Public Health
2151 Berkeley Way
Berkeley, Calif. 94704
Tel: (415) 843-7900 Ext. 426

AREAS OF INTEREST: Food, drug, cosmetic, and hazardous household chemical law enforcement.

PUBLICATIONS: *California's Health* (monthly); excerpts from the *California Health and Safety Code* and the *California Agricultural Code*.

INFORMATION SERVICES: Answers inquiries; provides advisory services; makes referrals. Specific information on firms is confidential.

Bureau of Occupational Health and Environmental Epidemiology

0417 California Department of Public Health
2151 Berkeley Way
Berkeley, Calif. 94704
Tel: (415) 843-7900 Ext. 375 or 381

AREAS OF INTEREST: Occupational health; environmental epidemiology; air pollution; water pollution; pesticides; solvents; dusts; fumes; gases; dermatoses; heavy metals; noise.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Reports, critical reviews, technical bulletins.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; makes referrals; performs selected field studies.

CALIFORNIA DEPARTMENT OF PUBLIC HEALTH

Bureau of Radiological Health

0418 California Department of Public Health
2151 Berkeley Way
Berkeley, Calif. 94704

Location:

1625 Shattuck Ave.
Berkeley, Calif.

Tel: (415) 843-7900 Ext. 661

AREAS OF INTEREST: Health hazards and safety concerns related to ionizing (and some nonionizing) radiation.

HOLDINGS: Small collection of periodicals and reports.

INFORMATION SERVICES: Answers inquiries; conducts seminar and training programs for local health departments; supplies radiological monitoring data on the environment to the press monthly and to the U.S. Public Health Service for publication in *Radiological Health Data and Reports* on a bimonthly basis.

Bureau of Sanitary Engineering

0419 California Department of Public Health
2151 Berkeley Way
Berkeley, Calif. 94704
Tel: (415) 843-7900

AREAS OF INTEREST: Sanitary engineering; public health and safety aspects of domestic water supply; sewage and industrial waste treatment and disposal, including radioactive wastes; laws governing waste disposal, reuse of sewage effluents, and delivery of domestic water supplies; recreation area sanitation; water quality, treatment, and pollution; shellfish culture and processing.

HOLDINGS: The Department maintains a technical library jointly with the University of California School of Public Health.

PUBLICATIONS: *California Domestic Water Supplies* (biennial, giving the name, ownership, sources, and engineering and chemical data of California water supplies).

INFORMATION SERVICES: Answers technical inquiries; makes referrals to other State agencies; provides advisory services to local health departments on water distribution and sanitation; provides consulting services on contractual basis; prepares analyses and evaluations; provides limited bibliographic services.

Bureau of Vector Control and Solid Waste Management

0420 California Department of Public Health
2151 Berkeley Way
Berkeley, Calif. 94704
Tel: (415) 843-7900

AREAS OF INTEREST: Ecology, population management, and control of disease vectors, hosts, and reservoir animals; zoonotic disease surveillance; insecticide resistance surveillance; methods, materials, and equipment research and development.

HOLDINGS: 240,000 arthropod, parasite, mammal, and other specimens; 200 soil, compost, and other samples; 350 arthropod and mammal traps and precision experimental devices; 600 data compilations; 25 films; 6,000 photos; 2,200 slides; 3,000 maps and charts; 400 project records; 40,000 punched cards; 650 graphs and tables; 150 technical reports; 80 standards or specifications; 4,000 books, monographs, and dissertation microfilms; 150 periodicals; 28,000 abstracts; 35,000 preprints and reprints; 40 bibliographies; 25 magnetic tapes; manuscripts, display materials, reviews, publication lists.

PUBLICATIONS: *California Vector Views* (monthly); films, reports, standards, reviews, bibliographies, pamphlets, staff publications, news releases. Publication lists are available.

INFORMATION SERVICES: Answers inquiries; provides reference and consulting services and training in vector identification, biology, and control. Services are free to California State and local jurisdictions, and to selected organizations, agencies, and individuals elsewhere.

Facilities include identification-evaluation, ecology, and toxicology laboratories.

Division of Laboratories

Toxicology Unit

0421 Division of Laboratories
California Department of Public Health
2151 Berkeley Way
Berkeley, Calif. 94704
Tel: (415) 843-7900

AREAS OF INTEREST: Acute toxicity, chronic toxicity, and metabolism of pesticide residues, food additives, industrial chemicals, and household chemicals by absorption, ingestion, or inhalation; environmental contamination, including air and water pollution.

INFORMATION SERVICES: Answers written inquiries; provides consulting services to State agencies and local health departments.

CALIFORNIA DEPARTMENT OF THE YOUTH AUTHORITY

Division of Research and Development

0422 California Department of the Youth Authority
State Office Bldg. No. 8
Sacramento, Calif. 95814
Tel: (916) 445-9626

AREAS OF INTEREST: Information on youthful offenders committed to the jurisdiction of the Youth Authority, including personal histories and family backgrounds, diagnoses, assignments, and responses to particular programs at Youth Authority institutions, and parole performances of the offenders; drug and narcotic abuse (etiology, epidemiology, relationships with delinquency); evaluation of rehabilitation programs for juvenile drug abusers in California and elsewhere and development of preventive programs.

HOLDINGS: Books, reports, statistical computations and analyses. Data on youthful offenders is stored on punched cards and is available for each year since 1947.

PUBLICATIONS: *Annual Statistical Report*; *Annual Report of Current Research Projects*; a research report series; special data sheets on California Youth Authority wards who are involved with drugs.

INFORMATION SERVICES: Approved academic and scientific users may obtain answers to questions and data tabulations. Assistance in interpreting this information is also provided.

CALIFORNIA FERTILIZER ASSOCIATION

0423 2222 Watt Ave., Suite B-7
Sacramento, Calif. 95825
Tel: (916) 483-6027

The Association acts as legislative advocate for the fertilizer industry and maintains liaison between the industry and scientists in the University of California, the State colleges, junior colleges, and State control officials.

AREAS OF INTEREST: Fertilizers for California soils and crops; soil fertility; fertilizer transportation, safety, application, and equipment.

0424

HOLDINGS: Books, journals, bulletins, brochures, booklets, proceedings, data.

PUBLICATIONS: *Western Fertilizer Handbook*; reports, proceedings, directory, booklets, brochures. Some publications are distributed free; others are priced at cost.

INFORMATION SERVICES: Answers inquiries; makes referrals.

CALIFORNIA INSTITUTE OF TECHNOLOGY

W. M. Keck Laboratory of Environmental Health Engineering

0424 W. M. Keck Engineering Laboratories
California Institute of Technology
Pasadena, Calif. 91109
Tel: (213) 795-6841 Ext. 1400

AREAS OF INTEREST: Water supply, purification, and distribution; sewerage and drainage; sewage treatment and disposal; industrial water supply and wastes; water quality criteria; aquatic and marine ecology; demineralization; applied chemistry of aqueous solutions; waste-water reclamation and reuse; water management in space environments; water and waste-water microbiology; radioactive wastes; water economics; water law.

HOLDINGS: The Laboratory uses the entire library facilities of the Institute. Frequently used material is kept in the Keck Reference Room.

PUBLICATIONS: *EHE at CIT* (annual); reports (irregular).

INFORMATION SERVICES: Answers inquiries; provides consulting services.

CALIFORNIA RADIOLOGICAL SOCIETY

0425 Children's Hospital
4650 Sunset Blvd.
Los Angeles, Calif. 90027
Tel: (213) 663-3341

AREAS OF INTEREST: Clinical radiology, including its uses in medicine, physics, research, and, occasionally, in such fields as veterinary work.

HOLDINGS: Small reference library of books, journals, and reports.

CALIFORNIA INSTITUTE OF TECHNOLOGY

PUBLICATIONS: *Bulletin of the California Radiological Society* (quarterly); technical reports, conference proceedings, indexes.

INFORMATION SERVICES: Provides consulting, reference, and document services, primarily to members.

CALIFORNIA REDWOOD ASSOCIATION

0426 617 Montgomery St.
San Francisco, Calif. 94111
Tel: (415) 392-7880

AREAS OF INTEREST: California redwood (*sequoia sempervirens*), including its chemical, physical, and mechanical properties; coating and treatment of redwood; redwood lumber and other products; redwood forests.

HOLDINGS: Books, periodicals, reports, data, proprietary information.

PUBLICATIONS: Technical reports, standards and specifications, data handbook.

INFORMATION SERVICES: Answers inquiries; provides reference and consulting services; permits onsite use of literature collection.

CALIFORNIA RESOURCES AGENCY

California Air Resources Board

0427 1108 14th St.
Sacramento, Calif. 95814
Tel: (916) 445-1511

AREAS OF INTEREST: Air pollution; harmful effects of gases and particle pollution; environmental effects in relation to criteria and standards; measurement of contaminants in the atmosphere; analysis of data to determine air quality and long range trends of pollution; establishment of air quality standards and motor vehicle emission standards; design of motor vehicle control program; enforcement of motor vehicle control program and local agency stationary source control programs; measurement of motor vehicle emissions; surveillance of motor vehicle emission control devices; research in photochemical reactions.

HOLDINGS: 100,000 graphs and tables; 500,000 punched cards; 2,000 periodical titles; 200 books; 300 reports.

PUBLICATIONS: *California Air Quality Data*; *California Air Resources Bulletin*; *Air Pollution Control in California*; *Emission Inventories*; *California Air Basins*; *The Diesel Vehicle and Its Role in Air Pollution*; *The Oxides of Nitrogen in Air Pollution*; several staff reports.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services to local agencies; permits onsite use of collection.

California Department of Fish and Game

0428 1416 Ninth St.
Sacramento, Calif. 95814
Tel: (916) 445-1383 or 445-5561

AREAS OF INTEREST: California fish and game; marine fisheries; mollusks and crustaceans; fish and wildlife kills due to chemicals; pollution.

HOLDINGS: Books, reports, periodicals, bibliographies, pamphlets.

PUBLICATIONS: *California Fish and Game Quarterly*; *Outdoor California* (bimonthly); *California Fish and Game Code*; species booklets, fishing maps, wildlife leaflets, fish bulletins. A publications price list is available.

INFORMATION SERVICES: Permits onsite use of literature collection.

Field Station

0429 California Department of Fish and Game
987 Jedsmith Dr.
Sacramento, Calif. 95819
Tel: (916) 452-4984

AREAS OF INTEREST: Wildlife diseases; fish and wildlife management research; pesticides; herbicides; piscicides; fungicides; heavy metals; chromatography; bioassay.

HOLDINGS: Small collection of reports.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers brief inquiries; provides reprints when available.

Facilities include a fish and wildlife research laboratory, a chemistry laboratory, and a wildlife disease laboratory.

California Water Resources Control Board

0430 Resources Bldg., Room 1140
1416 Ninth St.
Sacramento, Calif. 95814

Tel: (916) 445-3085

AREAS OF INTEREST: Water resource planning and management; water quality control; water pollution control; waste water reclamation and use; estuarine and coastal waters; sewage disposal; appropriation of water; water right adjudication; ground-water extractions and diversions.

HOLDINGS: Reports, graphs, tables, data.

PUBLICATIONS: Reports. A publications list is available.

INFORMATION SERVICES: Answers inquiries within staff and time limitations.

CALIFORNIA STATE COLLEGE AT LOS ANGELES

Department of Microbiology and Public Health

0431 California State College at Los Angeles
Los Angeles, Calif. 90032
Tel: (213) 224-3531

AREAS OF INTEREST: Food poisoning; contamination of milk and water; industrial food establishments; sanitizers; disinfectants; insecticides; aflatoxins; surfactants.

HOLDINGS: Small collection of reports and periodicals.

PUBLICATIONS: Reports, reprints.

INFORMATION SERVICES: Provides consulting services.

CAMPBELL SOUP CO.

Product Research Department

0432 Campbell Soup Co.
Campbell Pl.
Camden, N.J. 08101
Tel: (609) 964-4000 Ext. 2049

AREAS OF INTEREST: Food technology; nutrition; biochemistry; chemistry; microbiology; agriculture; home economics; manufacture of cans.

HOLDINGS: The Campbell Institute for Food Research Library maintains a collection of 4,000 books, 1,500 bound journals, 800 pamphlets, 6 vertical file drawers of clippings, and patents. The collection includes material in English, French, German, and Japanese.

0433

PUBLICATIONS: *Library Bulletin* (bimonthly); annual report.

INFORMATION SERVICES: The Product Research Department answers general inquiries directly; technical inquiries are routed to one of several specialized departments within the Company. Occasionally, the inquirer may be referred to outside agencies or to independent research organizations. These services are provided without charge, but are limited according to time and effort required. The Library is not open to the public, but, subject to the approval of a written request, arrangements can be made for scientists and graduate students in the field of food technology or related subjects to use its facilities. Interlibrary loans are made.

CANAL ZONE GOVERNMENT

Gorgas Hospital Medical Library

0433 P.O. Box 503
Balboa Heights, Canal Zone

Location:

Ancon, Canal Zone
Tel: Balboa 2-6327

AREAS OF INTEREST: Medicine and related sciences; tropical medicine; veterinary medicine; local medical history.

HOLDINGS: 10,000 books; 11,000 bound and 46,000 unbound journals; 1,000 technical reports; 9,000 pamphlets; bibliographies, publication lists, reprints, photos, slides.

PUBLICATIONS: Bibliographies, including a 50-year bibliography (1904-54), covering medical activity in the Canal Zone.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting, reference, literature-searching, and translation services (from Spanish); permits onsite use of collections.

CARDEZA FOUNDATION FOR HEMATOLOGIC RESEARCH

see Jefferson Medical College

CARIBBEAN CONSERVATION CORP.

0434 c/o Dr. Archie Carr, Technical Director
Department of Zoology

CANAL ZONE GOVERNMENT

University of Florida
Gainesville, Fla. 32601
Tel: (904) 392-1250

AREAS OF INTEREST: Preservation and restoration of the Atlantic Green Turtle (*Chelonia mydas*) population and related problems of Caribbean ecology.

PUBLICATIONS: Annual report.

INFORMATION SERVICES: Answers inquiries.

Facilities include a turtle farm in the southern Bahamas.

CARNATION CO.

Carnation Research Laboratories Library

0435 8015 Van Nuys Blvd.
Van Nuys, Calif. 91402
Tel: (213) 787-7820

AREAS OF INTEREST: Dairy products; biochemistry; biological sciences; chemistry and chemical engineering; food and nutrition; medicine; physics; refrigeration; cereals; animal feeds.

HOLDINGS: 1,466 books; 2,138 bound volumes of journals; 1,011 unbound volumes of journals; 9,400 pamphlets; 3,800 patents; data, nonprinted material.

INFORMATION SERVICES: Makes limited interlibrary loans; permits onsite use of collection by arrangement.

CARNEGIE INSTITUTION OF WASHINGTON

Department of Embryology

0436 Carnegie Institution of Washington
115 West University Parkway
Baltimore, Md. 21210
Tel: (301) 467-1414

AREAS OF INTEREST: Development of egg cells from fertilization to birth and the environmental influences that help or hinder these processes; cells and tissues in cultures; morphogenesis; heart formation; cell differentiation, especially of muscle and nerve and their interactions; mechanisms of synthesis of nucleic acids and their role in formation of proteins in frogs and silkworms.

HOLDINGS: 5,500 books; 55 journal subscriptions.

PUBLICATIONS: *Annual Report of the Director of the Department of Embryology*. A few back issues of

Contributions to Embryology (now terminated) are available from the Office of Administration, Carnegie Institution of Washington, 1530 P St. NW., Washington, D.C. 20005.

INFORMATION SERVICES: With the approval of the Director, information is available to scientists interested in basic research. Most of the material is for onsite reference. Occasionally, material is loaned on a short term basis and in limited quantity. There is a charge for duplication services. Publication of photographs is subject to certain restrictions.

Department of Plant Biology

0437 Carnegie Institution of Washington
Stanford University
Governors Ave. and Searsville Rd.
Stanford, Calif. 94305
Tel: (415) 323-7978

AREAS OF INTEREST: Photosynthesis; physiological ecology; functional identification of chlorophylls in algae; growth responses of plants to ecologically diverse habitats and to regulated environmental conditions; spectrophotometry of plants and plant products.

HOLDINGS: 7,000 books; 30 journal titles.

PUBLICATIONS: Research findings are published in the *Annual Report of the Director of the Department of Plant Biology*, available free on request.

INFORMATION SERVICES: Permits onsite use of literature collection.

CARNEGIE LIBRARY OF PITTSBURGH

Science and Technology Department

0438 Carnegie Library of Pittsburgh
4400 Forbes Ave.
Pittsburgh, Pa. 15213
Tel: (412) 621-7300

AREAS OF INTEREST: Pure and applied sciences, with emphasis on chemistry and metallurgy; history of science; astronomy; physics; geology; technology; engineering; manufacturing; building construction; biology; botany; anthropology; zoology.

HOLDINGS: 460,000 bound volumes; 5,000 serials; 300,000 reports; 360 indexes and abstracts; patents, maps, charts, standards and specifications; U.S. MIL Specifications; numerical sets of British-U.S. patents with classes and subclasses. The Library is a repository for AEC and NASA publications.

PUBLICATIONS: *Review of Iron and Steel Literature* (annual); *Science and Technology: A Purchase Guide for Branch and Public Libraries* (annual).

INFORMATION SERVICES: Provides reference, consulting, and duplication services (accepts orders by teletype: TWX (710) 664-4280); makes interlibrary loans; permits onsite reference; disseminates information to industry.

CARNEGIE-MELLON UNIVERSITY

Mellon Institute

Chemical Hygiene Fellowship

0439 Mellon Institute
Carnegie-Mellon University
4400 Fifth Ave.
Pittsburgh, Pa. 15213
Tel: (412) 327-1020

AREAS OF INTEREST: Acute and chronic mammalian toxicity of synthetic organic chemicals by all portals of entry; analytical chemistry, including radioactive isotopic analysis; biochemistry; pharmacology; histopathology; biostatistics; special studies on carcinogenicity, sensitization, teratology, and reproduction; air and water pollution as related to chemical contaminants.

HOLDINGS: 700 books; 50 periodical titles; 3,500 reports.

PUBLICATIONS: Journal articles.

INFORMATION SERVICES: Answers brief inquiries free; provides consulting services on cost basis; makes interlibrary loans. Services are provided to scientists and professional personnel only.

CARNEGIE MUSEUM

0440 4400 Forbes Ave.
Pittsburgh, Pa. 15213
Tel: (412) 621-7300
(412) 621-7300 Ext. 200 (Library)

AREAS OF INTEREST: Paleontology; mineralogy; botany; invertebrate biology; entomology; herpetology; ornithology; mammalogy; anthropology (including archeology); philately; numismatics.

HOLDINGS: Approximately 6 million specimens representing the above fields of interest; outstanding collections of dinosaurs, butterflies, birds, cave faunas, and archeology; a library of 45,000 books and periodicals.

0441

CARVER RESEARCH FOUNDATION OF TUSKEGEE INSTITUTE

PUBLICATIONS: *Annals of the Carnegie Museum* (1 volume a year); *Archaeological Newsletter* (3 times a year); brochures and catalogs (irregular).

INFORMATION SERVICES: Approved scientific researchers may have access to the collections. Questions are answered, other sources of information are suggested, and specimens are identified. Consultation about scientific matters is also available. The library makes interlibrary loans.

**CARVER RESEARCH FOUNDATION
OF TUSKEGEE INSTITUTE**

0441 Tuskegee Institute, Ala. 36088
Tel: (205) 727-8224

AREAS OF INTEREST: Agricultural sciences, including animal science (animal breeding and nutrition, poultry genetics and nutrition, reproductive physiology), isotope technology (effects of radiation exposure, use of isotopes and tracers in metabolic studies), and plant and soil science (growth hormones in plants, plant biochemistry and physiology, plant breeding and nutrition, soil chemistry, soil microbiology and biochemistry, soil physics, seed physiology); biology, including cell biology and cellular ultrastructure, ecology, fish behavior, bacteriology, genetics-immunogenetics, insect physiology and toxicology, mammalian physiology (cardiovascular, neuro-), mycology, parasitology, plant physiology, and plant biochemistry; chemistry, including analytical, organic, physical, and biochemistry; food science and nutritional science, including biological effects of pesticides and aflatoxins, environmental toxicology, mammalian subcellular metabolism, minerals and lipid metabolism, nutrition in diseases, pica and human nutrition, and small animal and human nutrition; environmental sciences.

HOLDINGS: The Foundation uses the collections of the Tuskegee Institute Library.

PUBLICATIONS: Quarterly report, other reports.

INFORMATION SERVICES: Answers inquiries.

Facilities include IBM 1401 and 1620 computers and 2 microfilm readers.

**CASE WESTERN RESERVE
UNIVERSITY**

School of Medicine

***Division of Research in Medical
Education***

0442 School of Medicine
Case Western Reserve University
2119 Abington Rd.
Cleveland, Ohio 44106
Tel: (216) 791-7300 Ext. 2954

AREAS OF INTEREST: Medical education; research in teaching methods; careers in medicine.

PUBLICATIONS: Reports, journals, articles, books.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Services are provided to professional personnel only.

**CATHOLIC HOSPITALS MEDICAL
EDUCATION FOUNDATION**

0443 101 Memorial Dr.
Kansas City, Mo. 64108
Tel: (816) 753-5700

AREAS OF INTEREST: Medical education; clinical aspects of agents used in treatment of disease; identification and retrieval of specific reports and other information in the widely circulated English language medical journals.

HOLDINGS: 315,000 reports; 180 periodical titles.

PUBLICATIONS: Reports, critical reviews. The Foundation also provides answers to questions sent by physicians to several medical information service agencies.

INFORMATION SERVICES: Answers brief inquiries; provides consulting, reference, literature-searching, and duplication services; makes referrals. Services are available free to staff members of Catholic hospitals and to any physicians requiring information for patient care, but charges are made for cost of materials, postage, etc.

CATSKILL GAME FARM, INC.

0444 Catskill, N.Y. 12414
Tel: (518) 943-4475

AREAS OF INTEREST: Perpetuation and propagation of rare and vanishing species of the animal kingdom, particularly the horned and hoofed animals; zoology; diseases of zoo animals.

HOLDINGS: Large collection of horned and hoofed animals, including equines and all members of the cameloid family.

PUBLICATIONS: Technical reports, pamphlets.

INFORMATION SERVICES: Answers technical inquiries; provides advisory services; disseminates technical reports to other zoos. The Farm is open to the public for an admission charge.

CAYLOR-NICKEL CLINIC

0445 303 South Main St.
Bluffton, Ind. 46714
Tel: (219) 824-3500

Hospital Medical Library:
311 South Scott St.
Bluffton, Ind. 46714

AREAS OF INTEREST: Medicine; surgery; research.

HOLDINGS: Medical library of 10,000 books, including approximately 5,000 volumes of bound periodicals, and subscriptions to 197 journals and serials.

INFORMATION SERVICES: Provides reference, literature-searching, and duplication services. Services are available to local medical, nursing, and research personnel.

CEDARCREST HOSPITAL

0446 Newington, Conn. 06111
Tel: (203) 666-4613

AREAS OF INTEREST: Respiratory diseases; chronic illness and rehabilitation.

HOLDINGS: The Hospital maintains a small collection of books and periodicals.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; makes interlibrary loans; permits onsite use of collection. Services are primarily for medical, paramedical, and technical personnel.

CEDARS-SINAI MEDICAL CENTER

Cedars of Lebanon Hospital Division

Medical Library

0447 Cedars of Lebanon Hospital Division
Cedars-Sinai Medical Center
4833 Fountain Ave.
Los Angeles, Calif. 90029
Tel: (213) 662-9111 Ext. 105

AREAS OF INTEREST: Biology; biochemistry; medical history; cell research; physiology; psychiatry; pharmacology; drug addiction, reaction, and allergy.

HOLDINGS: 10,000 books; 420 periodical subscriptions; reports, films, photos, maps, charts. German and Polish materials are received.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, literature-searching, indexing, and translation services; provides duplication services for fee; makes referrals; makes direct and interlibrary loans. Services are primarily for staff members and students assigned to the medical center.

CENTER FOR DISEASE CONTROL

see Health, Education, and Welfare, Department of. Public Health Service. Health Services and Mental Health Administration

CENTER FOR FOREIGN TECHNOLOGY

0448 700 South Los Robles Ave.
Pasadena, Calif. 91106
Tel: (213) 796-5053

AREAS OF INTEREST: Science and technology in the USSR, including space, nuclear physics, medicine, oceanology, geophysics, seismology, engineering, weaponry, aircraft, medical engineering, biophysics, transportation, ecology, and astrophysics.

HOLDINGS: 500 periodical titles; reports.

PUBLICATIONS: *Soviet Report* (25 times a year).

INFORMATION SERVICES: Answers inquiries; provides advisory, literature-searching, abstracting, indexing, and translation services (advisory services and some

0449

translation services are provided free to *Soviet Report* subscribers).

CENTER FOR SHORT-LIVED PHENOMENA

see Smithsonian Institution. Office of Environmental Sciences

CENTRAL INSTITUTE FOR THE DEAF

0449 Washington University
818 South Euclid St.
St. Louis, Mo. 63110
Tel: (314) 652-3200

AREAS OF INTEREST: Education of the deaf; speech and hearing disorders; audiology; speech pathology; ear, nose, and throat medicine; electrical engineering, especially acoustics; psychology.

HOLDINGS: Small collection of books, journals, and technical reports.

PUBLICATIONS: Annual report, reprints.

INFORMATION SERVICES: Answers brief inquiries; provides consulting services; makes referrals. Inquiries involving extensive research are referred to specialists who may contract to supply services on an individual basis.

CENTRAL WASHINGTON STATE COLLEGE

Department of Biological Sciences

0450 Central Washington State College
Ellensburg, Wash. 98926
Tel: (509) 963-2731

AREAS OF INTEREST: Environmental biology; paleobotany; paleozoology; vertebrate and invertebrate zoology; vascular botany; mycology.

HOLDINGS: Study collections of fossil plants, fossil vertebrates, aquatic insects, protozoan and helminth parasites, birds, mammals, amphibians, reptiles, vascular plants, and fungi of the Pacific Northwest.

INFORMATION SERVICES: Answers inquiries; provides consulting services; identifies specimens. Services are provided free within reasonable time limits.

CENTER FOR SHORT-LIVED PHENOMENA

CERTIFIED MILK PRODUCERS ASSOCIATION OF AMERICA, INC.

see American Association of Medical Milk Commissions, Inc.

CHARLES F. KETTERING FOUNDATION

Research Laboratory

0451 Charles F. Kettering Foundation
150 East South College St.
Yellow Springs, Ohio 45387
Tel: (513) 767-7271

AREAS OF INTEREST: Photosynthesis, nitrogen fixation, cell differentiation, instrumentation, and related aspects of biochemistry, plant physiology, organic chemistry, general biology, physical chemistry, physics, and biophysics.

HOLDINGS: 4,800 books; 2,100 journals.

PUBLICATIONS: *Current Literature Survey* (about 4 issues a year), a mimeographed listing of current journal articles pertaining to photosynthesis and nitrogen fixation.

INFORMATION SERVICES: Answers inquiries related to past or present programs; permits onsite use of literature collection.

CHEMICAL ABSTRACTS SERVICE DIVISION

see American Chemical Society

CHEMICAL SPECIALTIES MANUFACTURERS ASSOCIATION, INC.

0452 50 East 41st St.
New York, N.Y. 10017
Tel: (212) 685-8722

AREAS OF INTEREST: Aerosol spray products of all types, as well as conventional packed automotive chemicals, detergents and cleaning compounds, disinfectants and sanitizers, insecticides, waxes, polishes, and floor finishes.

PUBLICATIONS: *Compilation of Economic Poison Laws*; *Compilation of Labeling Laws and Regulations for Hazardous Substances*; *Compilation of Official In-*

secticide Bio-Assay Methods and Chemical Analysis; Agencies and Regulations of Interest to the Aerosol Industry; Vendors to the Trade; Aerosol Guide; Compilation of Anti-Freeze & Brake Fluid Laws; Compilation of Weights & Measures Laws; Wax Manual of Testing Methods; State Registration of Pesticides; Composite Index of Proceedings.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides legislative reporting service; develops specifications and testing methods; performs market surveys; conducts meetings and seminars. Some services are provided to members only.

CHESAPEAKE BAY CENTER FOR ENVIRONMENTAL STUDIES

see Smithsonian Institution. Office of Environmental Sciences

CHESAPEAKE BIOLOGICAL LABORATORY

see University of Maryland

CHICAGO ACADEMY OF SCIENCES

0453 2001 North Clark St.
Chicago, Ill. 60614
Tel: (312) 549-0606

AREAS OF INTEREST: General science, with emphasis on the natural history of the Chicago region; ornithology; herpetology; conchology; taxonomy; mammalogy; entomology.

HOLDINGS: Museum exhibits, a library, and a planetarium. Not on public exhibition, but available to qualified students, are scientific collections of plants, insects, molluscs, spiders, amphibians, reptiles, birds, and mammals numbering many thousands of cataloged specimens.

PUBLICATIONS: *Bulletin* series (technical papers resulting from original research by members of the Academy staff and others); *Natural History Miscellanea* (short papers recording original observations or research); *Special Publications* (monographic or miscellaneous works); *Reports* of the Director (descriptions of the work of the Academy, its collections, exhibits, and activities); *Museum Activities* (4-page leaflets containing announcements, news items, and brief reports).

INFORMATION SERVICES: The Academy's services are designed primarily for the amateur naturalist and nontechnical personnel. Museum exhibits are open to the public. Lectures, special classes, and planetarium demonstrations are offered to school and other groups. Library materials are available for onsite reference only. Specimen collections are loaned to qualifying institutions.

CHICAGO COLLEGE OF OSTEOPATHIC MEDICINE LIBRARY

0454 5200 South Ellis Ave.
Chicago, Ill. 60615
Tel: (312) 363-6800 Ext. 413

AREAS OF INTEREST: Medicine and related basic sciences; osteopathy.

HOLDINGS: 6,000 books; 5,000 bound periodicals; 300 current periodical titles; audio digest tapes; a special collection on osteopathy.

INFORMATION SERVICES: Provides reference and literature-searching services; makes interlibrary loans.

CHICAGO DENTAL SOCIETY

0455 30 North Michigan Ave.
Chicago, Ill. 60602
Tel: (312) 726-4076

AREAS OF INTEREST: Dentistry.

PUBLICATIONS: *Fortnightly Review*.

INFORMATION SERVICES: Provides consulting services, primarily to members.

CHICAGO DEPARTMENT OF ENVIRONMENTAL CONTROL

0456 320 North Clark St., Room 500
Chicago, Ill. 60610
Tel: (312) 744-4072

AREAS OF INTEREST: Air pollution and control; smoke; smog; auto exhaust.

HOLDINGS: 20 books; 75,000 reprints; 25,000 pamphlets; 2,500 clippings by States; 1,000 slides; 500 photos; 15 motion pictures; graphs, tables, maps, charts.

PUBLICATIONS: *Air Management* (bimonthly newsletter); *5 Codes of Recommended Practices*; *Solid Waste Study--City of Chicago*; pamphlets, an-

0457

nual report, papers presented at the 1969 annual meeting of the Air Pollution Control Association.

INFORMATION SERVICES: Answers inquiries; operates a speaker's bureau; prepares exhibits for conferences and community projects; lends films and slides.

CHICO STATE COLLEGE

Department of Biological Sciences

Eagle Lake Field Station

0457 Department of Biological Sciences
Chico State College
Chico, Calif. 95926
Tel: (916) 345-6317

AREAS OF INTEREST: Various aspects of environmental sciences, especially fresh water biology; limnology; field ecology; field botany.

HOLDINGS: Herbarium of local plants; slide collection of Eagle Lake protozoans; small collection of books, periodicals, and reports.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; permits onsite use of collection. Services are primarily for students and scientists.

CHILDREN'S HOSPITAL MEDICAL CENTER

0458 300 Longwood Ave.
Boston, Mass. 02115
Tel: (617) 734-6000

AREAS OF INTEREST: Medicine and surgery for persons under 21, including child psychiatry, medical social work, communicative disorders, protein chemistry, neurology, hematology, bacteriology, cardiac surgery, neurosurgery, cancer in the young, and birth defects.

HOLDINGS: Each medical service and the school of nursing has its own library of books, periodicals, films, and slides.

INFORMATION SERVICES: Provides consulting services to members of the medical profession.

CHICO STATE COLLEGE

CHILDREN'S HOSPITAL OF PHILADELPHIA

0459 1740 Bainbridge St.
Philadelphia, Pa. 19146
Tel: (215) 546-2700

AREAS OF INTEREST: Congenital defects; metabolic and infectious disorders of early life; general pediatrics and medicine; pediatric surgery.

HOLDINGS: 5,000 volumes.

PUBLICATIONS: Individual scientific manuscripts.

INFORMATION SERVICES: Makes referrals.

CHILDREN'S HOSPITAL RESEARCH FOUNDATION

0460 Elland and Bethesda Aves.
Cincinnati, Ohio 45229
Tel: (513) 861-8000 Ext. 300

AREAS OF INTEREST: Medicine; pediatrics; immunology; enzymology; metabolic diseases; mental retardation; neurology; teratology; laboratory animal science.

HOLDINGS: A library of 5,000 books, 100 periodical titles, and many reprints.

PUBLICATIONS: Research reports. Every two years, all reprints put out by the Research Foundation are compiled, indexed, and bound into the Studies of the Research Foundation.

INFORMATION SERVICES: Answers inquiries; provides reference, literature-searching, and duplication services; makes direct and interlibrary loans of published material. Services are available to personnel of the Research Foundation and the Children's Hospital, and to third- and fourth-year medical students.

Facilities include laboratory animal quarters for primates, dogs, cats, mice, rats, rabbits, gerbils, pigs, goats, and sheep.

CINCINNATI GENERAL HOSPITAL AND THE CHILDREN'S HOSPITAL

Drug Information and Poison Control Centers

0461 Cincinnati General Hospital and The
Children's Hospital
Cincinnati, Ohio 45229
Tel: (503) 872-5301

AREAS OF INTEREST: Drug and chemical information, including data on ingestion, efficacy, toxicity, abuse, safety, dosage, dialysis, and interactions.

HOLDINGS: Collection of books, periodicals, reports, indexes, and data on local drug use and experience.

PUBLICATIONS: *Nurses Drug Guide* (revised quarterly); *Therapeutic Consult* (monthly); hospital physicians' formulary with abstracted emergency drug information tabulations (annual).

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, literature-reviewing, and referral services to the medical and nonmedical community in the Cincinnati area.

CINCINNATI HEALTH DEPARTMENT

0462 2517 Burnet Ave.
Cincinnati, Ohio 45219
Tel: (513) 421-5700 Ext. 341

AREAS OF INTEREST: Public health in Cincinnati, including medical and environmental services.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; makes referrals.

CITY OF HOPE NATIONAL MEDICAL CENTER

Piness Medical and Scientific Library

0463 City of Hope National Medical Center
1500 East Duarte Rd.
Duarte, Calif. 91010
Tel: (213) 359-8111

AREAS OF INTEREST: Medicine, especially cardiology, gastroenterology, genetic disorders, hematology, metabolism and endocrinology, neurology, nutrition, and respiratory diseases; surgery, especially cardiovascular and thoracic, neurosurgery, and oncologic; pediatrics, especially genetic disorders, hematology, and oncology; biochemistry; biology, especially genetics and molecular biology; neurosciences, especially neurochemistry and neurophysiology.

HOLDINGS: 19,553 bound volumes; 570 journal subscriptions.

INFORMATION SERVICES: Answers ready reference questions; makes interlibrary loans; permits onsite use of collection by qualified personnel.

THE CLAREMONT COLLEGES

Joint Science Department

0464 The Claremont Colleges
Claremont, Calif. 91711
Tel: (714) 626-8511 Ext. 2679

AREAS OF INTEREST: Human ecology (pollution, physiology); limnology; paleontology; evolution; physiology; thermobiology; microbial genetics; immunology; virology; enzymology; biological polymers; high polymer physics; kinetics and catalysis of reactions; nonmetallic, organometallic compounds; spectroscopy; photochemistry; quantum mechanics; particle physics; theoretical chemistry.

HOLDINGS: Over 300 periodical titles; books, reports.

PUBLICATIONS: Research reports in appropriate journals.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

CLEARINGHOUSE FOR FEDERAL SCIENTIFIC AND TECHNICAL INFORMATION

Redesignated the National Technical Information Service. See Commerce, Department of

CLEMSON UNIVERSITY

South Carolina Agricultural Experiment Station

0465 Agricultural Communications Department
Clemson University
Clemson, S.C. 29631
Tel: (803) 654-2421 Ext. 270

AREAS OF INTEREST: General agriculture; production, marketing, and utilization of crops and livestock; home economics; insects; diseases of plants and animals; soils; water use.

PUBLICATIONS: *Clemson University Agricultural Research* (biannual); technical reports and bulletins, news releases.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services.

0466

Water Resources Research Institute

0466 Clemson University
Clemson, S.C. 29631
Tel: (803) 654-2421 Ext. 315 or 209

AREAS OF INTEREST: Water cycle; hydrology; irrigation; evapotranspiration; water yield; soil properties and evaporation; water economics; sedimentation; relation between water pollution and industrial development; water quality and waste assimilation in newly created bodies of water; waste disposal; ecology of fresh water organisms; stream pollution instrumentation; stochastic models; estuarine zoning; planning techniques; taxation and subsidies; limnological parameters; biologic detection.

PUBLICATIONS: Circulars, bulletins, papers.

INFORMATION SERVICES: Answers inquiries; makes referrals; conducts research for fee.

CLEVELAND CLINIC FOUNDATION

Department of Artificial Organs

0467 Cleveland Clinic Foundation
2020 East 93d St.
Cleveland, Ohio 44106
Tel: (216) 229-2200 Ext. 2337

The Department is sponsored by the Cleveland Clinic Foundation and the National Institutes of Health.

AREAS OF INTEREST: Artificial organs, especially artificial kidneys, artificial hearts, blood oxygenators, biocompatible material research, and other areas of artificial internal organs.

HOLDINGS: Artificial kidneys and hearts; oxygenators; collection of biocompatible materials; motion pictures, photos, slides, posters and other display materials, project records, graphs, technical reports, standards and specifications, reprints.

PUBLICATIONS: *Manual on Artificial Organs: Volume I--The Artificial Kidney* (C. V. Mosby Co., 1969).

INFORMATION SERVICES: Answers inquiries; provides short lists of literature citations in response to specific inquiries; makes referrals; conducts training classes for technicians; supplies standard test procedures for artificial organs; operates computer data reduction system; permits onsite use of literature collection.

CLEMSON UNIVERSITY

CLEVELAND HEALTH SCIENCES LIBRARY

0468 11000 Euclid Ave.,
Cleveland, Ohio 44106
Tel: (216) 231-4402

AREAS OF INTEREST: Medicine, including dentistry and nursing; clinical medicine; medical research and teaching; biology; nutrition.

HOLDINGS: 160,000 books; 1,700 periodical titles; special collections in the history of medicine, venereal diseases, herbals, and Freud.

PUBLICATIONS: *Biomedical Serials in 44 Metropolitan Cleveland Libraries*; *Bulletin of the Cleveland Medical Library Association* (quarterly).

INFORMATION SERVICES: Provides reference, consulting, literature-searching, circulation, and photocopying services to members; makes interlibrary loans; permits onsite reference by public.

CLEVELAND MUSEUM OF NATURAL HISTORY

Natural Science Museum

0469 Cleveland Museum of Natural History
10600 East Blvd.
Cleveland, Ohio 44106
Tel: (216) 231-4600

AREAS OF INTEREST: Natural history (see holdings).

HOLDINGS: 3 million cataloged specimens in all major science fields. The Earth Sciences Gallery relates the history of our planet, the beginnings of life, and the story of Ohio's natural resources; the Life Sciences Gallery reviews principles of biology and depicts major aspects of animal evolution; the Gallery of Man depicts man's origin and development and features Ohio and North American Indian cultures. Other displays include the trees and forests of Ohio, a resume of Ohio ecology, edible and poisonous mushrooms, dioramas, Ohio and world insects, rare books, an outdoor labeled wild plants garden, and living animals. The Museum also has the Mueller Observatory and Planetarium, four wildlife preserves totaling more than 1,000 acres, and the Cleveland Aquarium.

PUBLICATIONS: *The Explorer Magazine* (quarterly); *Kirklandia* and a scientific publication series.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services; permits onsite reference.

CLEVELAND PSYCHIATRIC INSTITUTE

0470 1708 Aiken Ave.
Cleveland, Ohio 44109
Tel: (216) 661-6200

AREAS OF INTEREST: Psychiatry; ataractics; narcotics; sedatives; psychoactive drugs; neurochemistry; neurophysiology; neuropsychology; neurocytology and genetics.

HOLDINGS: 3,000 books; 100 periodical titles; 1,000 reports.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; lends materials. Services are available to scientists and medical personnel.

CLINICAL PHARMACOLOGY RESEARCH INSTITUTE

0471 2030 Haste St.
Berkeley, Calif. 94704
Tel: (213) 841-5446

AREAS OF INTEREST: Clinical pharmacology.

HOLDINGS: Small collection of books, journals, and reports.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Provides consulting services free to physicians and all Government agencies.

COASTAL STUDIES INSTITUTE

see Louisiana State University

COLLEGE OF IDAHO

Biology Department

0472 College of Idaho
Caldwell, Idaho 83605
Tel: (208) 459-5431

AREAS OF INTEREST: Biology, including environmental biology.

HOLDINGS: Bibliography of 5,000 sources of information on the environment.

INFORMATION SERVICES: Answers inquiries; provides consulting services; provides advice on sources of information concerning the environment. Fees may be charged for extensive services.

COLLEGE OF MEDICINE AND DENTISTRY OF NEW JERSEY AT NEWARK

Library

0473 College of Medicine and Dentistry of New Jersey at Newark
100 Bergen St.
Newark, N.J. 07103
Tel: (201) 877-4580

AREAS OF INTEREST: Medicine; dentistry; basic sciences.

HOLDINGS: 20,000 books; over 2,000 periodical titles; reports; a multimedia collection, with specialization in 8mm films.

PUBLICATIONS: Acquisitions list, occasional papers.

INFORMATION SERVICES: Answers inquiries; provides reference, literature-searching, and duplication services; makes interlibrary loans. Extensive services are available only to faculty, staff, and students of the College.

The Library participates in the SUNY Biomedical Communications Network, providing computerized on-line biomedical searches.

COLLEGE OF PHYSICIANS OF PHILADELPHIA LIBRARY

0474 19 South 22d St.
Philadelphia, Pa. 19103
Tel: (215) 561-6050

AREAS OF INTEREST: Biochemistry; psychology and psychiatry; inoculations; dermatology; ophthalmology; neurology; surgery; pediatrics; obstetrics; gynecology; anatomy; radiology; medical history.

HOLDINGS: 250,000 books and journals; over 3,200 medical journal subscriptions; over 320,000 reports, theses, pamphlets, reprints, and microfilms. All major European languages, and a number of Oriental and other languages are represented. The medical history collection includes works by and about

0475

William Harvey, 16th and 17th century works on generation and on the plague and other epidemics, 18th century European and American medical and scientific periodicals, medical school theses from the 17th century to date, autographs, medical dictionaries, portrait catalogs and medical art, and medical and scientific incunabula.

PUBLICATIONS: *Transactions & Studies of the College of Physicians of Philadelphia* (quarterly); *Fugitive Leaves* (newsletter, 10 issues a year); *Book List*.

INFORMATION SERVICES: The Library is open to the public without charge. Staff specialists help inquirers on site, by telephone, or by correspondence in the identification and location of articles, authors, references, and documents. Fellows of the College have borrowing privileges and arrangements may be made for other professional, scientific, educational, and industrial users for a fee. Interlibrary loans are available. The Library also offers a Medical Documentation Service which provides a scanning service tailored to the client's specifications, prepares bibliographies and abstracts, and makes translations from all major languages. Fees are charged for these services. The Library is designated by the National Library of Medicine as the Mid-Eastern Regional Medical Library Service for Pennsylvania, Delaware, and Southern New Jersey.

COLORADO AGRICULTURAL EXPERIMENT STATION

see Colorado State University

COLORADO DEPARTMENT OF AGRICULTURE

0475 406 State Services Bldg.
1525 Sherman St.
Denver, Colo. 80203
Tel: (303) 222-3561

AREAS OF INTEREST: Agriculture in Colorado, including statistics, marketing, animal industry, and plant industry; plant and animal diseases.

HOLDINGS: Data compilations, specimens (seed, feed, fertilizer, blood, pesticides), motion pictures, photos, slides, maps and charts, posters and other display materials, project records, graphs, technical reports, standards and specifications, books, journals, newsletters, publication lists, bibliographies, pamphlets, press releases.

COLORADO AGRICULTURAL EXPERIMENT STATION

PUBLICATIONS: *Colorado Agricultural Statistics*; technical reports, annual report.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services; tests and analyzes soils, pesticides, dairy products, feed, fertilizers, blood, and weights and measures; permits onsite use of collection.

COLORADO DEPARTMENT OF PUBLIC HEALTH

0476 4210 East 11th Ave.
Denver, Colo. 80220
Tel: (303) 388-6111

AREAS OF INTEREST: Public health in Colorado, including dental health, migrant health, maternal and child health, occupational health, radiological health, public health nursing, and health education; preventive medicine; epidemiology; virology; parasitology; air pollution monitoring, sample collection, and control; water pollution control; bacteriology; milk and food contamination; pesticides; mycology; alcohol and drug abuse education and planning; hospital and nursing home planning, construction, and licensing; vector control; sampling, laboratory analysis, and control of commercial, industrial, and domestic wastes; industrial fumes; narcotics; hazardous household substances; environmental control of radioactive substances and wastes.

HOLDINGS: Vital statistics; laboratory data; a small collection of books, periodicals, and reports. The Department also maintains a film library and central supply of pamphlets and brochures for free circulation in Colorado only.

PUBLICATIONS: Rules, regulations, standards, specifications, reports, educational materials.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

Alcohol and Drug Abuse Division

0477 Colorado Department of Public Health
4210 East 11th Ave.
Denver, Colo. 80220
Tel: (303) 388-6111 Ext. 227

AREAS OF INTEREST: Problems of alcoholism and drug abuse (treatment modalities, preventive and educational programs).

HOLDINGS: Directory of resources and facilities for alcohol and drug problems in Colorado, statistical information, basic standard textbooks, State plan for control.

PUBLICATIONS: Reports, directories, bibliographies.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; makes referrals; permits onsite use of collection.

Division of Engineering and Sanitation

0478 Colorado Department of Public Health
4210 East 11th Ave.
Denver, Colo. 80220
Tel: (303) 388-6111

AREAS OF INTEREST: Municipal and industrial waste treatment and disposal; water treatment; public water supplies; public swimming places; solid wastes disposal; food and drug purity; food sanitation; general sanitation.

INFORMATION SERVICES: Answers inquiries; makes referrals.

COLORADO INDUSTRIAL COMMISSION

0479 State Capitol Annex
Denver, Colo. 80203
Tel: (303) 222-9911

AREAS OF INTEREST: Colorado's Workmen's Compensation Act, Occupational Disease Disability Act, and Medical Disaster Insurance Fund Act.

INFORMATION SERVICES: Answers technical inquiries.

COLORADO STATE UNIVERSITY

College of Veterinary Medicine

Department of Physiology and Biophysics

0480 College of Veterinary Medicine
Colorado State University
Fort Collins, Colo. 80521
Tel: (303) 491-6188

AREAS OF INTEREST: Veterinary physiology and biophysics; hallucination; anesthetics; narcotics; stimulants; chromatography; colorimetry; radioisotope assay; reproduction; cardiovascular and pulmonary diseases; radioimmunoassay; semen preservation; metabolic pools.

PUBLICATIONS: Scientific articles.

INFORMATION SERVICES: Answers inquiries; provides consulting services (free when incidental, for fee if continuing); makes referrals.

Colorado Agricultural Experiment Station

0481 Colorado State University
Fort Collins, Colo. 80521
Tel: (303) 491-1101

AREAS OF INTEREST: Engineering, including agricultural, atmospheric sciences, electrical networks, fluid mechanics, hydraulics, hydrology, and space propulsion; physical sciences, including biochemistry, organic chemistry, and holography; biological sciences, including animal diseases, animal physiology and anatomy, animal breeding, avian sciences, botany and plant pathology, entomology, crop sciences, genetics, fishery and wildlife biology, forest and wood sciences, microbiology, and parasitology; range sciences; recreation; watershed management.

HOLDINGS: Seed reference collection, insect reference collection, plant herbarium.

PUBLICATIONS: *Colorado Farm and Home Research* (6 issues a year); bulletins.

INFORMATION SERVICES: Answers inquiries; makes referrals.

Branch Stations: Eastern Colorado Range Station, Akron, Colo.; Southeastern Colorado Branch Station, Springfield, Colo.; San Juan Basin Branch Station, Hesperus, Colo.; Arkansas Valley Branch Station, Rocky Ford, Colo.; San Luis Valley Branch Station, Center, Colo.; Mountain Meadow Research Center, Gunnison, Colo.; and the following Western Slope Branch Stations: Orchard Mesa Unit and Fruita Unit, Grand Junction, Colo., and Austin-Rogers Mesa Unit, Austin, Colo.

Colorado Cooperative Fishery Unit

0482 102 Cooperative Units Bldg.
Colorado State University
Fort Collins, Colo. 80521
Tel: (303) 491-6942

AREAS OF INTEREST: Fish; aquatic ecology; aquatic energetics; warm-water fish culture; salmonid taxonomy.

HOLDINGS: 2,000 fish specimens; 1,300 photos; 2,000 slides; technical reports, data compilations, news releases, unevaluated data.

INFORMATION SERVICES: Answers inquiries; provides consulting services; provides short lists of literature citations in response to specific inquiries; permits onsite use of collections.

Colorado Cooperative Wildlife Research Unit

0483 Cooperative Units Bldg.

Colorado State University
Fort Collins, Colo. 80521
Tel: (303) 491-6665

AREAS OF INTEREST: Wildlife management.

HOLDINGS: 550 books; 2,700 slides; 250 photos; 60 technical reports; periodicals, abstracts, newsletters, reprints, unevaluated data.

INFORMATION SERVICES: Answers inquiries; provides consulting services and information on graduate research programs in wildlife management; makes referrals.

Colorado State University Libraries

0484 University Campus
Fort Collins, Colo. 80521
Tel: (303) 491-6626

AREAS OF INTEREST: Mathematics, including applied mathematics and statistics; physics; chemistry; geology; agricultural engineering; civil engineering; electrical engineering; mechanical engineering; computer science; geophysics; atmospheric science, including all meteorology and climatology; fluid mechanics; hydraulics; aerodynamics; structural mechanics; soil mechanics; hydrology; irrigation and drainage; ecology; soil science; zoology; mycology; microbiology; protozoology; medical technology; environmental health; virology; zoonoses; biochemistry; forestry; veterinary medicine; agriculture; botany; entomology; genetics; heredity; evolution; home economics; nutrition.

HOLDINGS: 710,000 volumes; 7,000 journals; a depository collection of Federal documents; reports, films, microtexts, maps, phonorecords.

INFORMATION SERVICES: Provides reference services, primarily to University students and faculty and staffs of research organizations and State agencies; makes interlibrary loans; permits onsite reference.

Colorado State University--U.S. Public Health Service Collaborative Radiological Health Laboratory

0485 Colorado State University
Fort Collins, Colo. 80521
Tel: (303) 491-8522, 491-8523, or 491-8524

The Laboratory is sponsored by the Bureau of Radiological Health of the U.S. Public Health Service.

AREAS OF INTEREST: Delayed effects of irradiation; morphological, biochemical, physiological, and behavioral manifestations of pre- and neonatal irradiation.

HOLDINGS: 500 books; 40 periodical titles; 500 reports.

PUBLICATIONS: Annual report.

INFORMATION SERVICES: Answers inquiries; provides consulting services free to University and Federal agencies, and at cost to others.

Facilities include a Cesarian-derived, barrier-maintained beagle colony, with a capacity of 2,300 dogs.

Department of Avian Science

0486 Agricultural Experiment Station
Colorado State University
Fort Collins, Colo. 80521
Tel: (303) 491-6159

AREAS OF INTEREST: Poultry science; metal toxicity to monogastric animals; latent pesticide responses in bird biological systems, primarily physiology and fecundity; genetic improvement, growth, and reproduction.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Reports, papers in scientific journals.

INFORMATION SERVICES: Answers brief inquiries and provides advisory services free; provides consulting services; conducts research investigations on a contract basis.

Department of Botany and Plant Pathology

0487 Colorado State University
Fort Collins, Colo. 80521
Tel: (303) 491-6524

AREAS OF INTEREST: Botany and plant pathology, especially of Colorado.

HOLDINGS: 50,000 plant specimens from Colorado plains and mountains and related areas.

INFORMATION SERVICES: Permits onsite use of collection.

Department of Entomology

0488 Colorado State University
Fort Collins, Colo. 80521
Tel: (303) 491-5008

AREAS OF INTEREST: Entomology; insecticide residues.

HOLDINGS: 300,000 insect specimens used to supply information on insect identification.

PUBLICATIONS: Scientific papers, extension papers, reports.

INFORMATION SERVICES: Answers inquiries; provides insect control recommendations and consulting services (extension type); identifies insect specimens; lends specimens to qualified taxonomists; permits onsite use of collection.

Department of Fishery and Wildlife Biology

0489 Colorado State University
Fort Collins, Colo. 80521
Tel: (303) 491-6930

AREAS OF INTEREST: Fishery and wildlife biology; ecology; population dynamics; fish and wildlife management; animal behavior; public relations in natural resources management; zoogeography; nutrition.

HOLDINGS: The Department uses the collections of the University Library.

PUBLICATIONS: Reports, bibliographies, abstracts, directories, books.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, literature-searching, and abstracting services; makes referrals; makes interlibrary loans; permits onsite use of collection. Fees may be charged for some services.

Department of Forest and Wood Sciences

0490 Colorado State University
Fort Collins, Colo. 80521
Tel: (303) 491-6637

AREAS OF INTEREST: Forestry, including forest management, forest biometry, and forest biology; wood science and technology, including wood mechanics, wood chemistry, wood anatomy, and wood properties in relation to processing and utilization.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries free; provides consulting services free or for fee, depending on amount of time involved.

Department of Zoology

0491 Colorado State University
Fort Collins, Colo. 80521
Tel: (303) 491-6494

AREAS OF INTEREST: Zoology; fishkills; pollution, including metal pollution (lead, mercury, etc.); pesticides; drugs; psychotropics; forensic toxicology.

INFORMATION SERVICES: Answers brief inquiries; provides consulting services for fee.

Environmental Resources Center

0492 Colorado State University
Fort Collins, Colo. 80521
Tel: (303) 491-6952

AREAS OF INTEREST: Conservation of natural resources; public land policy; public water policy; wildlife management; water resources; water quality; hydrology; hydraulics; hydrogeology; water economics; land economics; plant-soil-water relationships; air pollution; regional planning; waste management and disposal (agricultural, municipal, industrial).

INFORMATION SERVICES: Answers inquiries; makes referrals.

The Center maintains research facilities for environmental quality-related studies in engineering, watershed management, soil science, plant science, forestry, ecology, radiation biology, geology, political science, sociology, psychology, chemistry, physics, microbiology, biochemistry, economics, and atmospheric science.

COLORCON, INC.

0493 Moyer Blvd.
West Point, Pa. 19486
Tel: (215) 646-7080

AREAS OF INTEREST: Edible coatings for food and drugs; color dispersions for food and drugs; edible monogramming inks; coating techniques using aqueous and nonaqueous systems.

HOLDINGS: Color library; FDA certified lake mixtures (over 2,000 formulations).

PUBLICATIONS: Product bulletins; coating methods descriptions.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

COLUMBIA SCIENCE MUSEUM

0494 1519 Senate St.
Columbia, S.C. 29201
Tel: (803) 252-6975

0495

AREAS OF INTEREST: Astronomy; physics; natural history; mammalogy; ornithology; herpetology; ichthyology; malacology; paleontology; botany; geology; anthropology.

HOLDINGS: 22,000 specimens (animals, fossils, rocks, minerals); 265 books; 200 photos; 350 slides; 220 reports.

INFORMATION SERVICES: Answers inquiries; provides consulting and identification services; makes referrals; lends materials to recognized institutions and individuals; permits onsite reference.

Facilities include a planetarium.

COLUMBIA UNIVERSITY

College of Pharmaceutical Sciences

Pharmaceutical Sciences Library

0495 College of Pharmaceutical Sciences
Columbia University
115 West 68th St.
New York, N.Y. 10023
Tel: (212) 787-0600

AREAS OF INTEREST: Pharmacy; pharmacology; chemistry.

HOLDINGS: 17,000 volumes; 250 periodical titles.

INFORMATION SERVICES: Answers inquiries; provides reference services; provides duplication services for fee; makes interlibrary loans.

Project RFD (Respect for Drugs)

0496 College of Pharmaceutical Sciences
Columbia University
115 West 68th St.
New York, N.Y. 10023
Tel: (212) 787-0600

The main objectives of Project RFD are to utilize the knowledge, training, and availability of pharmacists in educating the public concerning the value of modern medicinal agents, as well as the dangers that may result from improper or indiscriminate usage of these same agents.

AREAS OF INTEREST: Drugs; drug abuse, especially the illicit experimentation and abuse of narcotics, hallucinogens, barbiturates, amphetamines, and other related drugs, and the misuse of prescribed and proprietary drugs; drug addiction; drug allergies; pharmacy; pharmacology.

PUBLICATIONS: Educational materials, including pamphlets, leaflets, and manuals.

COLUMBIA UNIVERSITY

INFORMATION SERVICES: Answers inquiries; provides consulting services; conducts training seminars for pharmacists; provides speakers.

Columbia University Libraries

Information services are similar for all libraries described in the following listing. The libraries answer inquiries submitted in person or by telephone when material is available; provide reference and loan services to members of Columbia University and affiliated institutions; permit onsite reference of materials unique in the region; and make interlibrary loans (excluding material published in the past five years).

Biological Sciences Library

0497 Columbia University
914 Schermerhorn Hall
New York, N.Y. 10027
Tel: (212) 280-4715

AREAS OF INTEREST: All aspects of the biological sciences, with the exception of clinical medicine, including zoology, botany, genetics, vertebrate and invertebrate physiology, cytology, histochemistry, biochemistry, and physical anthropology.

HOLDINGS: 35,000 volumes, including bound periodicals.

Medical Library

0498 Columbia University
630 West 168th St.
New York, N.Y. 10032
Tel: (212) 579-3688

AREAS OF INTEREST: Medicine and surgery; anatomy; biochemistry; microbiology; pathology; pharmacology; physiology; biophysics; histology; cytology; human genetics; dermatology; neurology; obstetrics; gynecology; radiology; physical medicine; rehabilitation; pediatrics; anesthesiology; internal medicine; neurosurgery; orthopedic surgery; preventive and administrative medicine; psychiatry; urology; ophthalmology; oncology; cardiovascular system; dentistry.

HOLDINGS: 309,000 volumes, including bound periodicals; 2,000 slides; 5,000 pamphlets on the history of medicine; a special collection on plastic surgery; films, photos, data.

Psychology Library

0499 Columbia University
815 Schermerhorn Hall

New York, N.Y. 10027
Tel: (212) 280-4714

AREAS OF INTEREST: Psychology, with emphasis on physiological psychology and experimental psychology; sensory perception; psychology of learning; abnormal psychology; personality.

HOLDINGS: 19,500 volumes, including bound journals; theses, dissertations.

School of Public Health

Divisions of Occupational Medicine and Environmental Health

0500 School of Public Health
Columbia University
600 West 168th St.
New York, N.Y. 10032
Tel: (212) 579-3933

AREAS OF INTEREST: Occupational medicine (human effects of heavy metals, radioactive chemicals, contamination, food poisoning, food additives, pollution, and other harmful substances) and environmental management (abatement of water, air, solid waste, noise, and other pollution effects).

PUBLICATIONS: Research reports and articles.

INFORMATION SERVICES: Answers brief inquiries from professionals; provides consulting services for fee.

Research Archives

0501 School of Public Health
Columbia University
Black Medical Research Bldg.
630 West 168th St.
New York, N.Y. 10032
Tel: (212) 579-3561

AREAS OF INTEREST: Administrative medicine and all aspects of arrangements for providing health services, including: organization of health care; sociomedical problems; health care needs and resources; administration of health care agencies; utilization of services; health economics; quality of care; planning of services; health manpower; social and psychological factors in health care; and historical aspects of the subject.

HOLDINGS: Project records, data compilations, books, periodicals, technical reports, pamphlets, reprints.

PUBLICATIONS: Technical reports, data compilations.

INFORMATION SERVICES: Answers brief inquiries free; makes referrals; permits onsite use of collection by qualified scholars and researchers.

COLUMBUS (OHIO) CRIME LABORATORY

0502 Police Department
P.O. Box 1258
Columbus, Ohio 43216
Tel: (614) 221-1166

AREAS OF INTEREST: Criminalistics; narcotics, sedatives, alcohols, drugs, and alkaloids; chromatography; colorimetry; absorption and emission spectrography; social consequences of alcoholism.

HOLDINGS: Reference collection of drugs, drug products, safe lining materials, hairs, and fibers; small collection of books, periodicals, and reports.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, literature-searching, and abstracting services. Extensive services are provided only to law enforcement agencies and courts.

COLUMBUS (OHIO) DEPARTMENT OF HEALTH

Alcoholism Information Center

0503 Columbus Department of Health
181 Washington Blvd.
Columbus, Ohio 43215
Tel: (614) 461-7307

AREAS OF INTEREST: Alcoholism, especially the nature of the local problem and local resources for help.

PUBLICATIONS: Newsletter.

INFORMATION SERVICES: Provides consulting services; makes referrals.

COMMERCE, DEPARTMENT OF

National Bureau of Standards

Dental Research Section

0504 National Bureau of Standards
Washington, D.C. 20234

Location:
Gaithersburg, Md.
Tel: (301) 921-3336

AREAS OF INTEREST: Dental materials (metallic, ceramic, organic, and plastic; amalgams; gypsum; cements; waxes; resins; hydrocolloids); hard and soft

natural tissues, such as enamel, dentin, oral mucosa, including mechanical, physical, chemical, and physical chemical properties; instrumentation, including stereoscopic X-ray; hydroxy- and fluoroapatite (crystallography and solubility studies of these and related Ca/P salts); standards and specifications for dental materials and instrumentation.

HOLDINGS: Reports, reprints, patents, films.

PUBLICATIONS: Semiannual report to sponsors covering all work in progress; specific technical reports issued on completion of projects or phases of projects; papers on technical work published in professional journals.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals.

Office of Standard Reference Materials

0505 National Bureau of Standards
Washington, D.C. 20234

Location:

Gaithersburg, Md.

Tel: (301) 921-2045

AREAS OF INTEREST: Standard reference materials for calibrating and evaluating measuring instruments, methods, and systems used by science and industry in production and quality control, in defining performance characteristics, and in extending measurement competences. Emphasis is given to providing carefully characterized materials where (1) attainment of needed accuracy of analysis or accuracy of measurement of characteristics is not economically feasible elsewhere and is important to users, (2) industrywide standards for commerce are needed from a neutral supplier, and (3) continuing availability of a highly characterized material from a common source is important to science and industry.

PUBLICATIONS: *Standard Reference Materials: Catalog and Price List of Standard Materials Issued by the National Bureau of Standards* (Miscellaneous Publication 260).

INFORMATION SERVICES: The Office serves as a clearinghouse for the broad area of National Bureau of Standards responsibility, which includes the preparation, characterization, and distribution of standard reference materials in the diverse fields of metals, minerals, polymers, chemicals, paper, textiles, clinical and biomedical materials, gases, and nuclear technology.

X-Ray Attenuation Coefficient Information Center

0506 Center for Radiation Research
National Bureau of Standards
Washington, D.C. 20234
Tel: (301) 921-2685

AREAS OF INTEREST: Attenuation coefficients for high energy photon (X-ray, gamma-ray) interaction with matter, including Compton and Rayleigh scattering, atomic photo-effect, and electron-positron pair production; X-ray attenuation data required for radiation shielding design (reactor, space vehicle, medical), for analysis of nuclear physics experiments and of medical X-ray effects, for thickness and density gauges, for irradiation technology, for electron microprobe analysis (metallurgy), and for ionosphere prediction (radio propagation).

HOLDINGS: 2,000 reprints of direct or peripheral relevance to photon attenuation or cross sections; books, periodicals, reports.

PUBLICATIONS: Reports, state-of-the-art reviews.

INFORMATION SERVICES: Answers inquiries by letter or phone; provides consulting services to scientific, medical, and engineering personnel with professional interest in the field.

National Oceanic and Atmospheric Administration

Environmental Data Service

NATIONAL OCEANOGRAPHIC DATA CENTER

0507 Environmental Data Service
National Oceanic and Atmospheric
Administration
U.S. Department of Commerce
Rockville, Md. 20852

Location:

Washington Navy Yard, Building 160
2d and M Sts. SE.

Washington, D.C.

Tel: (202) 693-2249

AREAS OF INTEREST: Physical, geophysical, geological, chemical, and biological oceanography; the Continental Shelf; estuaries; underwater photography; information processing, analysis, and quality control.

HOLDINGS: Bathythermograph data and hydrographic cast (or serial station) data for the world oceans on punched cards and magnetic tape. Hydrographic casts (serial stations) are measurements at discrete ocean depths of temperature, salinity, oxygen, and nutrient chemistry, augmented by computed sea water density and sound velocity and some digital data from continuous vertical profiling devices; bathythermograph data consists of ocean temperature values digitized at close depth intervals from vertical profiles. In addition, the Center has summaries of surface current; drift bottle data; limited holdings of biological data on the distribution and abundance of phytoplankton pigment and of zooplankton and benthic organisms; index of core, grab, and dredge sample information; information on sediments and mineral resources, and inventories of the on-going U.S. observational programs in oceanography (National Marine Data Inventory). The Center's data holdings do not duplicate material held by other marine archives; however, the Center will coordinate requests for marine data located both at NODC and other depositories. The NODC also has an automated Biological Information Retrieval System containing over 10,000 reprints. Topics covered include primary productivity, nutrient cycles, food chains, particulate and dissolved organic matter, biodeterioration, and the distribution, ecology, and sampling techniques for phytoplankton, zooplankton, and benthos. More limited files are maintained on aquaculture, microbiology, bioluminescence, noxious and poisonous organisms, medicinal applications of marine products, and deep scattering layers. No attempt is made to cover physiological, genetic, or behavioral studies, vertebrate anatomy or taxonomy, or any information related to commercial fisheries.

PUBLICATIONS: Catalogs of holdings; state-of-the-art reviews; manuals of instruction for recording or submitting data; data reports, atlases, and other data-related publications. A list of publications is available.

INFORMATION SERVICES: Answers brief inquiries on availability of data and marine sciences in general without charge. Other requests are answered on a reimbursable basis. The Center provides reproduced data, data evaluations, summaries, automated displays, and other user products. Data analyses, prepared according to the requester's specifications, are provided to those who do not have the facilities

to cope with large volumes of data, usually for a fee. As a free exchange service for those who furnish data to the Center, listings, cards, or tape of the data processed in the Center's standard formats will be supplied. Facilities for study of archive data or library materials can be provided. Access to the holdings of the collocated World Data Center A, Oceanography, can also be arranged. Services are available to both public and private requesters. A "User's Guide for NODC's Data Processing Systems" and a "Guide for Submission of Data" are available on request.

National Marine Fisheries Service

0508 National Oceanic and Atmospheric Administration
Interior Department Bldg.
18th and C Sts. NW.
Washington, D.C. 20235
Tel: (202) 343-8701

AREAS OF INTEREST: Fish ecology and population dynamics; oceanography; marine, estuarine, and freshwater ecology; establishment of fish populations; economics of harvest, processing, marketing, and consumption of commercial fishes; exploration and surveillance of fish stock abundance and distribution; shellfish culture and management; sea lamprey research and control; fish disease, behavior, genetics, distribution, and classification; efficient harvest techniques.

HOLDINGS: Compact collection of fisheries literature developed in the NOAA Libraries Branch.

PUBLICATIONS: *Commercial Fisheries Review* and *Commercial Fisheries Abstracts* (both monthly). Research information is disseminated in the following series: *Fishery Bulletins*, *Fishery Industrial Research*, *Special Scientific Reports*, *Data Reports*, *Statistical Digests*, and *Situation and Outlook Reports*.

INFORMATION SERVICES: Answers inquiries. Information on the Service's current projects and research may be obtained from the regional offices whose addresses are given below. (The regional offices maintain libraries of agency publications, popular publications, and statistics pertaining to commercial fisheries, all of which are accessible for onsite use.)

National Marine Fisheries Service
1319 Second Ave.
Seattle, Wash. 98101
Tel: (206) 583-7575

National Marine Fisheries Service

0509

144 First Ave. South
St. Petersburg, Fla. 33701
Tel: (813) 893-3141

National Marine Fisheries Service
14 Elm St.
Gloucester, Mass. 01930
Tel: (617) 281-0642

National Marine Fisheries Service
Federal Bldg.
Juneau, Alaska 99801
Tel: (907) 586-7223

National Marine Fisheries Service
300 South Ferry St.
Terminal Island, Calif. 90731
Tel: (213) 831-9281 Ext. 575

National Marine Fisheries Service
2570 Dole St.
Honolulu, Hawaii 96812
Tel: (808) 946-2181

BIOLOGICAL LABORATORY (AUKE BAY, ALASKA)

0509 National Marine Fisheries Service, NOAA
P.O. Box 155
Auke Bay, Alaska 99821
Tel: (907) 789-7231

AREAS OF INTEREST: Marine biology; fisheries; oceanography; biometrics. Research areas include bottomfishes, salmon, herring, shrimp, king and tanner crabs, and pollutants.

HOLDINGS: Specimens of over 650 species of North Pacific fish and invertebrates; 27,000 books; 8,800 periodicals, including a special collection of Scandinavian periodicals; 2,300 maps and charts; 5,000 slides; 50 motion picture films; technical reports, pamphlets, leaflets, brochures, bibliographies, data on punched cards.

PUBLICATIONS: *Manuscript Report Series* (irregular).

INFORMATION SERVICES: Answers inquiries; lends some specimens; provides short lists of literature citations in response to specific inquiries. Library holdings are available through interlibrary loan.

BIOLOGICAL LABORATORY (BEAUFORT, N.C.)

0510 National Marine Fisheries Service, NOAA
Pivers Island
Beaufort, N.C. 28516
Tel: (919) 728-4597

AREAS OF INTEREST: Menhaden (age, growth, morphometry, fecundity, juvenile abundance, popu-

COMMERCE, DEPARTMENT OF

lation dynamics); blue crab (biology of fishery); American shad and striped bass (life history, population dynamics, fish passage, migration, and behavior studies).

HOLDINGS: Specimens of menhaden, shad, and striped bass (adults, juveniles, ovaries, scales); 600 books; 4,500 periodicals; reprints, technical reports, abstracts, newsletters, pamphlets, photos, slides, microforms, maps and charts, project records, clippings, punched cards, data compilations.

PUBLICATIONS: Data compilations.

INFORMATION SERVICES: Answers inquiries; provides consulting services; provides identification of clupeid fishes; provides short lists of literature citations in response to specific inquiries; lends some material; permits onsite reference.

BIOLOGICAL LABORATORY (BRUNSWICK, GA.)

0511 National Marine Fisheries Service, NOAA
P.O. Box 280
Brunswick, Ga. 31520
Tel: (912) 265-2080

AREAS OF INTEREST: Taxonomy of marine organisms, with emphasis on fishes of western North Atlantic Ocean; life history and development studies of fishes and shrimps.

HOLDINGS: Over 300,000 specimens of fishes, shrimps, and miscellaneous invertebrates; 1,200 bottom sediment and plankton samples; 6,000 books; 250 periodicals; 5,000 reprints; 10 vertical file drawers of pamphlets, leaflets, and brochures; 1,500 photographs; 1,000 slides; technical reports, microforms, maps and charts, abstracts, newsletters, bibliographies, publication lists.

INFORMATION SERVICES: Answers inquiries; provides consulting services; provides identification of fish specimens for other stations of the National Marine Fisheries Service, and limited amount for outside cooperators; makes referrals; lends specimens from fish collection to responsible individuals or institutions; permits onsite reference.

BIOLOGICAL LABORATORY (GALVESTON, TEX.)

0512 National Marine Fisheries Service, NOAA
Building 302, Fort Crockett
Galveston, Tex. 77550
Tel: (713) 763-1211

COMMERCE, DEPARTMENT OF
AREAS OF INTEREST: Fishery biology and marine science, including ecology, zoology, physiology, ichthyology, oceanography, chemistry, and statistics. Major emphasis in research is on shrimp mariculture.

HOLDINGS: Numerous specimens of marine life; 3,800 books; 3,500 periodical volumes; 33,000 technical reports, reprints, and publications from government sources and institutions; maps and charts, motion pictures, photographs, slides, data compilations.

PUBLICATIONS: *Laboratory Contributions* (irregular); library acquisitions list (biweekly).

INFORMATION SERVICES: Answers inquiries; provides consulting and literature-searching services; provides identification of marine organisms, etc.; makes referrals; permits onsite use of collections.

BIOLOGICAL LABORATORY (MIAMI, FLA.)

Tropical Atlantic Biological Laboratory

0513 National Marine Fisheries Service, NOAA
75 Virginia Beach Dr.
Miami, Fla. 33149
Tel: (305) 361-5761

AREAS OF INTEREST: Fisheries resources and environmental relationship in the western and tropical ocean; fishery biology of tuna and calico scallop; ichthyology; pathology of marine organisms.

HOLDINGS: 2,729 oceanographic station measurements; 20,000 lots of specimens of marine fish (about 1,200 species); 1,100 books; about 315 serial titles; slides, maps, charts, microfilms, technical reports, punched cards, graphs, tables.

PUBLICATIONS: Technical reports, data compilations.

INFORMATION SERVICES: Answers inquiries; provides consulting services and limited literature-searching services; makes referrals; permits onsite reference.

BIOLOGICAL LABORATORY (MILFORD, CONN.)

0514 National Marine Fisheries Service, NOAA
212 Rogers Ave.
Milford, Conn. 06460
Tel: (203) 878-2459

AREAS OF INTEREST: Mass culture and physiology of nannoplanktonic algae; physiology, culture, and pathogens of lamellibranch larvae (mollusks); chemical analysis for and studies of physiological ef-

fects of pollutants (pesticides, heavy metals, detergents, toxic blooms) on survival and growth of bivalve larvae (hard clam and American oyster) and on finfish eggs and larvae; effects of environmental factors (biotic, temperature, salinity, pH, etc.) on recruitment of oysters; algal foods, diseases, and genetics of shellfish.

HOLDINGS: 800 books; 135 periodical titles; 8 films; 300 photos; 400 slides; 7 vertical file drawers of data compilations; 11 vertical file drawers of unevaluated data; 14 vertical file drawers of project records; 750 microcards; 150 abstracts; 75 technical reports; 750 preprints and reprints; 175 pamphlets; bibliographies, publication lists.

PUBLICATIONS: Technical reports, reprints.

INFORMATION SERVICES: Answers inquiries ("in depth" replies to scientists only); provides consulting services; makes interlibrary loans; permits onsite reference.

BIOLOGICAL LABORATORY (OXFORD, MD.)

0515 National Marine Fisheries Service, NOAA
Oxford, Md. 21654
Tel: (301) 226-5193

AREAS OF INTEREST: Surf clam biology; shellfish culture; estuarine ecology, rehabilitation, and physiology; diseases of marine animals.

HOLDINGS: Specimens of shellfish and related species; 1,700 books; 200 periodical titles; 1,000 reports; photos, slides, oceanographic instruments, maps, charts, posters, project records, graphs and tables, reviews, abstracts, indexes, newsletters, reprints, bibliographies, pamphlets, clippings, press releases, publication lists, data compilations.

PUBLICATIONS: Books, reports, abstracts, bibliographies, critical reviews.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

BIOLOGICAL LABORATORY (ST. PETERSBURG BEACH, FLA.)

0516 National Marine Fisheries Service, NOAA
75 33d Ave.
St. Petersburg Beach, Fla. 33706
Tel: (813) 360-7096

AREAS OF INTEREST: Marine biology; fisheries; oceanography; estuarine studies; pollution; dredge and fill; hydrology; marine invertebrates; phytoplankton.

0517

HOLDINGS: Reference collections of marine invertebrates, fishes, and phytoplankton (over 1,000 species); 900 books; about 500 serial titles; about 20,000 unclassified publications, including abstracts, newsletters, reprints, translations, pamphlets, leaflets, brochures, technical reports, bibliographies, clippings, and publication lists; data based on coastal ecology of the Florida west coast and the Louisiana coast.

PUBLICATIONS: Reports, journal articles. A publications list is available.

INFORMATION SERVICES: Answers inquiries; provides identification of fishes; provides short lists of literature citations in response to specific inquiries; provides duplication services; makes referrals; lends library materials; permits onsite use of collections. Reprints of articles published in U.S. Government series or in outside journals are distributed on an exchange and mailing list basis.

BIOLOGICAL LABORATORY (WEST BOOTHBAY HARBOR, MAINE)

0517 National Marine Fisheries Service, NOAA
P.O. Box 128
West Boothbay Harbor, Maine 04575
Tel: (207) 633-2221

AREAS OF INTEREST: Marine biology; biological oceanography; fisheries biology; fish population dynamics; hydrography. Research areas include lobsters and herring.

HOLDINGS: Fish specimens, water samples, 10,500 books, 40 periodicals, 60 technical reports, reprints, bibliographies, pamphlets, graphs and tables, reviews, photos, slides, publication lists, press releases, punched cards, data compilations.

INFORMATION SERVICES: Answers inquiries; prepares analyses or evaluations; makes referrals; permits onsite reference.

BIOLOGICAL LABORATORY (WOODS HOLE, MASS.)

0518 National Marine Fisheries Service, NOAA
P.O. Box 6
Woods Hole, Mass. 02543
Tel: (617) 548-5123

AREAS OF INTEREST: Marine biology; fisheries; population dynamics; resource assessment; oceanography; fish physiology, taxonomy, and genetics; biochemistry. Research areas include North Atlantic groundfish ecology, sea scallops, and benthic fauna of New England Banks.

COMMERCE, DEPARTMENT OF

HOLDINGS: Over 10 million specimens; 4,000 books; journals, technical reports, maps and charts, photographs, slides, data compilations, graphs and tables, reviews, abstracts, pamphlets, reprints, bibliographies, newsletters, publication lists.

INFORMATION SERVICES: Answers inquiries; makes referrals; lends some materials; permits onsite use of collections by researchers.

CENTER FOR ESTUARINE AND MENHADEN RESEARCH

0519 National Marine Fisheries Service, NOAA
Beaufort, N.C. 28516
Tel: (919) 728-4595

AREAS OF INTEREST: Ecology of estuarine and coastal marine fish and invertebrates of economic importance; distribution and cycling of radioisotopes and heavy metals in estuarine ecosystems and their effects on marine organisms and relation to man; population dynamics and ecology of the menhaden resources.

HOLDINGS: Library of 15,500 reprints, 7,000 bound volumes, and 400 serials; magnetic tape files of menhaden biostatistics (1952 to date); data files on American shad, striped bass, blue crab, and estuarine ecology.

PUBLICATIONS: Scientific and data reports, bibliographies, annual report.

INFORMATION SERVICES: Answers inquiries; provides consulting services; provides short literature surveys in response to specific requests; lends biological materials; permits onsite use of collection and library.

COASTAL ZONE AND ESTUARINE LABORATORY

0520 National Marine Fisheries Service, NOAA
2725 Montlake Blvd. East
Seattle, Wash. 98102
Tel: (206) 442-4445

AREAS OF INTEREST: Water resource development affecting anadromous fish (salmon and trout) in the Columbia River Basin; effect of impoundments on fish migration, on passage at dams, and on racial physiology and behavior; fish behavior in relation to thermal change; effects of water pollution, including supersaturations of nitrogen and oxygen and thermal pollution of rivers, reservoirs, and estuaries, on survival of aquatic organisms; marine culture of salmon.

HOLDINGS: A bibliography of 12,000 punched cards on fish behavior, physical and chemical influences on fish, dams, and fishways; sonic fish tags, detectors, and tracking gear; special limnological instruments; electric fish guiding and shocking gear; fish tattooing machines; fish release capsules.

PUBLICATIONS: Research results appear in publications of the National Oceanic and Atmospheric Administration and in scientific journals.

INFORMATION SERVICES: Answers inquiries; provides consulting services to industry and Government agencies. Qualified scientists may borrow materials or have access to library and other facilities.

EASTERN GULF SPORT FISHERIES MARINE LABORATORY

0521 National Marine Fisheries Service, NOAA
P.O. Box 4218
Panama City, Fla. 32401
Tel: (904) 785-3122

AREAS OF INTEREST: Biology and ecology of big game fishes and other marine sport fishes; coastal ecology.

HOLDINGS: Named collection of approximately 325 species of local marine fishes; 130 feet of library shelves of books, periodicals, and various other publications.

INFORMATION SERVICES: Answers inquiries; provides identification of marine organisms, both vertebrate and invertebrate; provides consulting services; makes referrals; lends specimens; permits onsite reference.

ENVIRONMENTAL AND FISHERY FORECASTING CENTER

0522 National Marine Fisheries Service, NOAA
c/o Fleet Numerical Weather Central
Naval Postgraduate School
Monterey, Calif. 93940

Location:

1340 Munras Ave.
Monterey, Calif.
Tel: (408) 375-0333

AREAS OF INTEREST: Physical and biological oceanography; air-sea interactions; modeling oceanic and estuarine circulation.

HOLDINGS: The program is cooperative with the U.S. Navy and all holdings are the property of the U.S. Navy.

INFORMATION SERVICES: Answers inquiries on marine sciences; provides information on oceanographic and meteorological properties.

EXPLORATORY FISHING AND GEAR RESEARCH BASES

0523 Exploratory Fishing and Gear Research Base
National Marine Fisheries Service, NOAA
P.O. Box 1668
Juneau, Alaska 99801
Tel: (907) 586-7233

Exploratory Fishing and Gear Research Base
National Marine Fisheries Service, NOAA
State Fish Pier
Gloucester, Mass. 01930
Tel: (617) 283-6554

Exploratory Fishing and Gear Research Base
National Marine Fisheries Service, NOAA
P.O. Drawer 1207
Pascagoula, Miss. 39567
Tel: (601) 762-4591

Exploratory Fishing and Gear Research Base
National Marine Fisheries Service, NOAA
2725 Montlake Blvd. East
Seattle, Wash. 98102
Tel: (206) 587-7719

AREAS OF INTEREST: Exploratory fishing operations and research and development of fishing, resource assessment, and sampling gear.

HOLDINGS: Specimens of commercial fishes, fishing devices, unevaluated data and data compilations, films, photos, slides, maps and charts, graphs and tables, standards and specifications, books, journals, technical reports, pamphlets, abstracts, indexes, newsletters, reviews, bibliographies, display materials.

PUBLICATIONS: Technical reports and data compilations.

INFORMATION SERVICES: All bases answer technical inquiries, prepare analyses or evaluations, make referrals, and provide consulting services to commercial and sport fishermen and research groups. Most permit onsite use of their collections, and some provide specimens to specialists, museums, and universities, furnish short lists of literature citations in response to specific inquiries, and furnish location of hard-to-find bibliographic materials.

FISHERIES DATA AND MANAGEMENT SYSTEMS

0524 National Marine Fisheries Service, NOAA

2725 Montlake Blvd. East
Seattle, Wash. 98102
Tel: (206) 442-5263 or 442-5264

AREAS OF INTEREST: Population dynamics; systems analysis; biology; mathematical statistics; statistical methodology; computer programming and data processing. Problems studied include experimental and sampling design, condition of fishery resources of northeastern Pacific Ocean and Bering Sea, impact of fishing on stocks, prediction of stock conditions and yields, and development of methods leading to rational utilization of resources and appropriate allocation of catches.

HOLDINGS: Fisheries statistics for Pacific salmon of North America and Asia, groundfish of the northeastern Pacific Ocean-Bering Sea, and king and tanner crabs of eastern Bering Sea, and research data stored on cards and tapes; a library of approximately 400 computer programs.

PUBLICATIONS: Research results appear in publications of the National Oceanic and Atmospheric Administration and in scientific journals.

INFORMATION SERVICES: Provides U.S. fishing industry and fishery management agencies with information on conditions of fish stocks, yields, and forecasts; provides biometric consulting services to other fishery organizations on reimbursable basis. Qualified scientists have access to data and computer programs.

Facilities include a computer (1130) with printer and read punch tied in with a 360/65 system; a CalComp plotter; card punch, verifier, and sorter; and electronic desk calculators and adding machines.

FISHERY-OCEANOGRAPHY CENTER

0525 National Marine Fisheries Service, NOAA
P.O. Box 271
La Jolla, Calif. 92037

Location:

8604 La Jolla Shores Dr.
La Jolla, Calif.
Tel: (714) 453-2820

AREAS OF INTEREST: Fishery research in the eastern Pacific Ocean; population dynamics of pelagic (open ocean) fishes of the California Current, such as anchovy, jack mackerel, Pacific mackerel, sardine, saury, and hake, and of the tropical tunas in the Atlantic and Pacific oceans; taxonomy, ecology, experimental physiology, and behavior of larval fishes; subpopulation and fishery-oceanography studies of tunas and other pelagic fish; tropical oceanography and the ecology of tropical tunas;

development and deployment of hydroacoustic instruments and techniques for fishery resource assessment; theoretical population dynamics; population dynamics of exploited and other cetaceans; fishery technology and the economics of fisheries.

HOLDINGS: Specimens of larval and adult California Current and eastern tropical Pacific fishes with associated materials; a library of 21,000 books, journals, reprints, publication lists, reviews, and display materials.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides some consulting services; issues routine fishery advisory material, including radio broadcasts to temperate and tropical tuna fishermen; lends specimens to and permits onsite use of fish collections and other curated material by qualified individuals.

FISHERY PRODUCTS TECHNOLOGY LABORATORY (GLOUCESTER, MASS.)

0526 National Marine Fisheries Service, NOAA
Emerson Ave.
Gloucester, Mass. 01930
Tel: (617) 283-6600

AREAS OF INTEREST: Fundamental and applied studies of the chemistry of fish muscle; methods of preserving fish; air and water pollution improvement techniques for vessels and processing plants; standards and specifications for fishery products; irradiation (gamma) preservation of fish and shellfish.

HOLDINGS: 3,300 technical reports; 8,200 journals and magazines; 1,100 books; 1,100 rolls of microfilm; 800 photographs; 600 slides; 2,500 reprints; project records, unevaluated data and data compilations, maps and charts, graphs and tables, standards and specifications, abstracts, pamphlets, reviews, newsletters, publication lists, punched cards.

PUBLICATIONS: Standards and specifications, reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services; provides short lists of literature citations in response to specific inquiries; furnishes location of hard-to-find bibliographical materials; makes referrals; permits onsite use of collections.

FISHERY PRODUCTS TECHNOLOGY LABORATORY (PASCAGOULA, MISS.)

0527 National Marine Fisheries Service, NOAA
P.O. Drawer 1207
Pascagoula, Miss. 39567

AREAS OF INTEREST: Fisheries technology; quality and sanitation control through processing and preservation studies involving biochemistry and microbiology; contamination of fishery products with heavy metals and bacteria of public health significance; pesticide residues; standards and specifications, with particular reference to sanitation.

HOLDINGS: 300 books; 600 volumes of periodicals; 164 volumes of abstracts; 900 data compilations; 6,500 punched cards; 450 graphs and tables; 2,283 preprints, reprints, technical reports, standards, and specifications.

PUBLICATIONS: Research reports.

INFORMATION SERVICES: Answers inquiries on fisheries technological problems; conducts seminars; provides speakers for disciplinary and trade association meetings; furnishes reprints from this and other laboratories; permits onsite reference.

FISHERY PRODUCTS TECHNOLOGY LABORATORY (SEATTLE, WASH.)

0528 National Marine Fisheries Service, NOAA
2725 Montlake Blvd. East
Seattle, Wash. 98102
Tel: (206) 442-7746

AREAS OF INTEREST: Fishery technology; organic chemistry (fats and oils); biochemistry (proteins and enzymes); analytical chemistry (composition of fish and fishery products); food technology, including preservation (irradiating, refrigerating, freezing, canning, curing) and nutrition; chemical engineering; standards and specifications for fishery products.

PUBLICATIONS: Bibliographies, pamphlets, reprints.

INFORMATION SERVICES: Answers inquiries; provides consulting and literature-searching services; provides short lists of literature citations in response to specific inquiries; furnishes location of hard-to-find bibliographical materials; prepares analyses and evaluations; makes referrals.

HAWAII AREA FISHERY RESEARCH CENTER

0529 National Marine Fisheries Service, NOAA
P.O. Box 3830
Honolulu, Hawaii 96812

AREAS OF INTEREST: Fisheries research, including population dynamics and growth studies; tuna behavior; biological and physical oceanography of the central and western Pacific.

HOLDINGS: Preserved marine biological specimens taken from central and western Pacific waters with various fishing gear (e.g., plankton nets, midwater trawl nets, bottom trawl nets, longline fishing gear, handlines); 8,000 books and bound periodicals; 600 maps and charts; technical reports, abstracts, reprints, bibliographies, pamphlets, leaflets, brochures, reviews, data compilations, publication lists, motion pictures, photographs, slides, magnetic tapes, punched cards.

INFORMATION SERVICES: Answers inquiries; makes referrals; lends some materials; permits onsite use of collections on individual request basis.

MARINE FISH AND SHELLFISH LABORATORY

0530 National Marine Fisheries Service, NOAA
2725 Montlake Blvd. East
Seattle, Wash. 98102
Tel: (206) 442-4445

AREAS OF INTEREST: Distribution of salmon, bottomfish, and invertebrates in the North Pacific Ocean; forecasts of salmon runs to Bristol Bay; identification of salmon stocks; physical and biological oceanography of the North Pacific; development of fishing gear and methods.

HOLDINGS: Research center library of 16,000 volumes, 400 serials, and reprints, technical reports, standards and specifications, maps and charts, slides, and translations; the following special bibliographies: 3,000 cards on Pacific salmon literature, 10,000 cards on fishery and oceanography translations, and a compendium of Pacific salmon literature 1900-1959 of 42,000 pages on 645 microfiche (PB 174 102).

PUBLICATIONS: Research results appear in publications of the National Oceanic and Atmospheric Administration and in scientific journals.

INFORMATION SERVICES: Answers inquiries; provides consulting services; performs limited analytical services (blood analysis, age of fishes, statistics, abundance and distribution of fishes, etc.). Qualified scientists may borrow materials or have access to library and other facilities.

MARINE FISHERIES CENTER (KODIAK, ALASKA)

0531 National Marine Fisheries Service, NOAA
Box 1638
Kodiak, Alaska 99615
Tel: (907) 487-5861

AREAS OF INTEREST: Marine fisheries research; food biochemistry of specific application to seafoods; crustacean biochemistry and physiology; fishery biology; fisheries resource assessment; marine extension and marketing.

HOLDINGS: 200 specimens of seafood animals; 2,500 books; 4,000 bound volumes of periodicals; 1,150 bound volumes of abstracts; 3,000 photographs; 500 slides; project records, technical reports, data compilations, unevaluated data, standards and specifications, maps and charts, reprints, reviews, bibliographies, pamphlets, clippings, news releases.

PUBLICATIONS: Technical reports, newsletter, news releases.

INFORMATION SERVICES: Answers inquiries; provides consulting services; prepares analyses and evaluations; makes referrals; permits onsite use of collections.

MARINE MAMMAL BIOLOGICAL LABORATORY

0532 National Marine Fisheries Service, NOAA
Naval Support Activity, Building 192
Seattle, Wash. 98115
Tel: (206) 527-3501 or 527-3555

AREAS OF INTEREST: Marine mammals, with emphasis on population dynamics and biology of fur seals.

HOLDINGS: 1,200 specimens (skins, skulls, skeletons, teeth, genital tracts, stomachs, and tissues of marine mammals) and small specialized collection of fish and squids; 1,100 slides; 1,000 books; 30 file drawers of unevaluated data; data compilations, journals, reprints, graphs and tables, punched cards.

PUBLICATIONS: Technical reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services; provides stomach analyses by arrangement; provides short lists of literature citations in response to specific inquiries; makes referrals; lends specimens to qualified research workers and educational institutions by arrangement; permits onsite use of collections.

NARRAGANSETT SPORT FISHERIES MARINE LABORATORY

0533 National Marine Fisheries Service, NOAA

COMMERCE, DEPARTMENT OF

RD 2, Box 522-A
Narragansett, R.I. 02882
Tel: (401) 783-3359

AREAS OF INTEREST: Life histories of bluefish and other marine sport fishes; effects of surface temperatures on movement of coastal fishes; migratory patterns of sharks.

HOLDINGS: Fish specimens; a literature collection.

PUBLICATIONS: Research results are published in the Service's publications and in science journals.

INFORMATION SERVICES: Answers inquiries about the Laboratory's work and provides literature concerning its accomplishments; permits onsite use of collections.

NATIONAL CENTER FOR FISH PROTEIN CONCENTRATE

0534 National Marine Fisheries Service, NOAA
P.O. Box 128
College Park, Md. 20740
Tel: (301) 927-5800

AREAS OF INTEREST: Research on the composition, characteristics, processing, preserving, distribution, and utilization of fishery products and byproducts; physical, analytical, and industrial chemistry; biochemistry; chemical engineering; bacteriology; nutrition; animal nutrition; feedstuffs.

HOLDINGS: Samples of fish meal, fish protein concentrate, and fish solubles; 1,300 books; 2,500 bound volumes of periodicals; 13,000 pamphlets, leaflets, and brochures; 1,100 photographs; 350 slides; 600 technical reports; 1,600 reprints; unevaluated data, posters and other display materials.

PUBLICATIONS: Two comprehensive bibliographies, with abstracts, covering the world literature: *Fish Protein Concentrate* (1970) and *Fish Meal* (1970).

INFORMATION SERVICES: Answers inquiries; provides consulting services; provides short lists of literature citations in response to specific inquiries; makes referrals; permits onsite use of collections.

RADIOBIOLOGICAL LABORATORY

0535 National Marine Fisheries Service, NOAA
Pivers Island
Beaufort, N.C. 28516
Tel: (919) 728-4597

AREAS OF INTEREST: Effects of radioactive substances on marine organisms (including fish) and their transmittal to man; water pollution; estuarine ecology.

and carbon samples; various scientific and counting instruments; microscope slides; photographs and picture slides; books, journals, maps and charts, pamphlets, microcards, graphs and tables, reprints, bibliographies, abstracts, newsletters, data on magnetic tapes.

PUBLICATIONS: Annual report to the Atomic Energy Commission.

INFORMATION SERVICES: Answers inquiries; provides consulting services; provides short lists of literature citations in response to specific inquiries; lends some materials; permits onsite use of collections.

REMOTE SENSING PROGRAM

0536 National Marine Fisheries Service, NOAA
Mississippi Test Facility
Bay St. Louis, Miss. 39520
Tel: (601) 688-3650

AREAS OF INTEREST: Development of remote sensors to detect marine fisheries resources; coordination of National Marine Fisheries Service (NMFS) hydroacoustic sensor development.

HOLDINGS: The Program has access to the NASA technical library representing a variety of technical disciplines, including fisheries, and containing 6,000 books, 400 periodicals, 17 vertical file drawers of pamphlets, leaflets, and brochures, as well as microfiches, newsletters, and publication lists.

INFORMATION SERVICES: Answers inquiries; provides consulting services; provides engineering, systems, and data management services to other NMFS stations; permits onsite use of fish tanks for behavioral and related studies.

SANDY HOOK SPORT FISHERIES MARINE LABORATORY

0537 National Marine Fisheries Service, NOAA
P.O. Box 428
Highlands, N.J. 07732
Tel: (201) 872-0200

AREAS OF INTEREST: Life histories of bluefish, red drum, and other marine sport fishes; relation of microorganisms to productivity of waters; effect of detergents and insecticides on estuarine organisms; effects of surface temperatures on movement of coastal fishes.

HOLDINGS: Fish specimens; a literature collection of 4,000 volumes, including books and bound periodicals; 275 periodical titles; 200 nautical charts.

Service's publications and in science journals.

INFORMATION SERVICES: Answers inquiries about the Laboratory's work and provides literature concerning its accomplishments; permits onsite use of collections.

SYSTEMATICS LABORATORY

0538 National Marine Fisheries Service, NOAA
National Museum, Room 57-A
10th St. and Constitution Ave. NW.
Washington, D.C. 20560
Tel: (202) 381-5749

AREAS OF INTEREST: Systematic ichthyology and malacology; taxonomy, especially of scombridae, hemiramphidae, belonidae, argentinidae, moridae, brotulidae, gadidae, bathylagidae, and pandoidae (mollusks).

HOLDINGS: The Laboratory uses the research collection of the Smithsonian Institution.

INFORMATION SERVICES: Answers brief inquiries; provides consulting services upon approval of the National Marine Fisheries Service.

TIBURON MARINE LABORATORY

0539 National Marine Fisheries Service, NOAA
P.O. Box 98
Tiburon, Calif. 94920
Location:
3150 Paradise Dr.
Tiburon, Calif.
Tel: (415) 435-3271

AREAS OF INTEREST: Ecology of Pacific coast fishery resources; coastal oceanography; effects of natural and manmade environmental changes on distribution and abundance of coastal fishery resources; resource utilization.

HOLDINGS: Fish specimens; a literature collection.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; permits onsite use of collections on individual request basis.

National Technical Information Service (NTIS)

0540 5285 Port Royal Rd.
Springfield, Va. 22151
Tel: (703) 321-8888 (General information)
(703) 321-8543 (Order desk)
(703) 321-8523 (Subject searches and referral)

NTIS, formerly known as the Clearinghouse for Federal Scientific and Technical Information, is the central point in the United States for public sale of research, development, and other Government-funded reports prepared by Federal agencies, their contractors, or grantees. In addition to the data produced by the Department of Commerce's 20 operating units, more than 225 other Government organizations use NTIS to announce and distribute their publications and data.

AREAS OF INTEREST: Government-generated science and technology in defense, space, atomic energy, and other national programs.

HOLDINGS: Over 630,000 unclassified/unlimited Government-sponsored technical reports, including unclassified documents produced by Department of Defense research and development laboratories and contractors. The collection grows at the rate of approximately 50,000 reports per year.

PUBLICATIONS: *Government Reports Announcements (GRA)*, issued on the 10th and 25th of each month, is the basic publication providing across-the-board announcement of all reports accessioned by NTIS. Indexes to this publication are issued under separate names and are subscribed to separately: *Government Reports Index (GRI)*, published concurrently with GRA, and *Government Reports Cumulative Indexes*, consisting of two quarterly indexes and an annual cumulation of the GRI and available either as a complete set or separately by subject, corporate author, personal author, or number (contract number and accession/report number) indexes. For those desiring more selective announcement coverage, three other publications are available: *Weekly Government Abstracts (WGA)*, a series of bulletins announcing all reports received in 11 subject categories of high current interest; *Government Reports Topical Announcements (GRTA)*, issued semimonthly, announcing all reports received in more than 20 subject categories not covered by WGA; and *Fast Announcement Service (FAS)*, consisting of selected, specially prepared announcements that highlight about 5,000 reports annually, calling attention to timely products or services and slanted towards specific audiences in advance of, or simultaneously with, other releases, and covering 57 subject areas of high industrial interest. For any of these three publications, selectivity is achieved by subscribing to one or more subject categories. In addition to these announcement publications prepared by NTIS, 17 subscription series prepared by other Government organizations are distributed through NTIS. A brochure describing these subscription series (as well as NTIS' own announcement publications) is available.

COMMITTEE FOR ENVIRONMENTAL INFORMATION

INFORMATION SERVICES: NTIS provides scientists, engineers, businessmen, industrial and academic organizations, the defense community, and the general public with unclassified information resulting from Government-sponsored research and development. Its services may be grouped into four broad categories. (1) *Announcement and abstracting services:* The primary means used by NTIS to announce Government-generated research and development reports are the publications listed in the preceding paragraph. A somewhat different means of announcement is the *Selected Categories In Microfiche (SCIM)*, whereby microfiche of full documents are automatically disseminated in categories preselected by subscribers. Categories can be by agency (e.g., DoD, NASA, AEC, Commerce) or by one or more of some 35 subjects, with provision for eliminating duplicates. (2) *Sale of reports:* Items listed in *Government Reports Announcements* are made available for the cost of reproduction and handling in one of two forms--as printed pages or as microfiche (4x6-inch microphotography sheets, covering up to 70 pages per sheet). The prices for reports in paper copy form are listed in the announcement services referred to above. However, documents announced prior to 1970 are generally priced at \$6.00. Microfiche on a demand basis is priced at 95 cents per document. Documents available on standing order through the SCIM service are priced at 35 cents per document. (3) *Inquiry services:* Reference and inquiry services are provided to Government agencies and the general public, including inquiries on document availability. (4) *Search services:* A customized searching service, called NTISearch, is also available. This computer-retrieval service answers specific search questions with selected abstracts from the NTIS file of over 200,000 Government-funded reports collected since 1964. Printed on 4x6 index cards, these abstracts show the report title, date, author or authors, number of pages, accession number for ordering, and price of the report, as well as the abstract itself. An average of 25--and up to 100--abstracts are provided for each search. The fee for this service is \$25.00 per question.

COMMITTEE FOR ENVIRONMENTAL INFORMATION

0541 438 North Skinker Blvd.
St. Louis, Mo. 63130
Tel: (314) 863-6560

cides; biological effects of radiation; nuclear power reactors; nuclear testing; nuclear war and civil defense; peaceful uses of nuclear explosives; chemical and biological warfare; supersonic transport; noise; weather modification.

HOLDINGS: 1,000 books and hearings; 100 periodicals; 2,000 reports and surveys, including environmental monitoring data.

PUBLICATIONS: *Environment* (10 issues a year).

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; permits onsite reference.

COMMUNITY GUIDANCE SERVICE, INC.

0542 140 West 58th St.
New York, N.Y. 10019
Tel: (212) 586-8160

A private, nonprofit organization, Community Guidance Service, Inc. operates a large out-patient guidance and counseling service, maintains an information and reference service, conducts a broad program of community mental health education, holds open professional meetings, undertakes research, and operates The Institute for Practicing Psychotherapists and Allied Professionals, which offers a comprehensive curriculum of seminars and workshops for psychotherapists, school guidance counselors, clergymen, and physicians.

AREAS OF INTEREST: Mental health; guidance; counseling; therapy; psychotherapy; psychoanalysis; group dynamics; child psychology; marriage counseling; vocational and occupational guidance; testing.

PUBLICATIONS: *Bulletin of Information* (annual); brochures.

INFORMATION SERVICES: Answers inquiries; provides consulting services; provides training, clinical data, and supervision to practicing psychotherapists and allied professionals.

CONGRESS OF NEUROLOGICAL SURGEONS, INC.

0543 University of Mississippi Medical Center
Jackson, Miss. 39216

AREAS OF INTEREST: Neurological surgery and its allied specialties.

HOLDINGS: Small reference library of books and reports; reprints of *Clinical Neurosurgery* (volumes 1-16).

of annual meeting); *Disability and the Law* (monograph series); annual directory of all neurological surgeons in the United States, including those not members of the Congress (restricted distribution); newsletter (3 or 4 times a year, available to members only).

INFORMATION SERVICES: Provides consulting services.

CONGRESS OF THE UNITED STATES

House Committee on Agriculture

0544 Longworth House Office Bldg., Room 1301
New Jersey and Independence Aves. SE.
Washington, D.C. 20515
Tel: (202) 225-2171

AREAS OF INTEREST: Primarily laws dealing with general farm policy, including: the adulteration of seeds; control of insect pests; protection of birds and animals on forestry reserves; agricultural and industrial chemistry; agricultural colleges and experiment stations; agricultural education and extension service; agricultural production, marketing, and price stabilization; animal industry and diseases of animals; crop insurance and soil conservation; dairy industry; entomology and plant quarantine; farm credit and security; the national forests and forestry in general; human nutrition and home economics; inspection and grading of livestock and livestock products; agricultural exports; surplus disposal; plant industry; soils and agricultural engineering; rural electrification; and the improvement of animal breeds. The Committee also has jurisdiction over legislation relating to the general operations of the Department of Agriculture, the Commodity Credit Corporation, and the Farm Credit Administration.

PUBLICATIONS: Transcripts of hearings, legislative calendars, committee prints.

INFORMATION SERVICES: Answers inquiries.

House Committee on Merchant Marine and Fisheries

0545 Longworth House Office Bldg., Room 1334
New Jersey and Independence Aves. SE.
Washington, D.C. 20515
Tel: (202) 225-4047

AREAS OF INTEREST: Merchant marine, including the regulation of common carriers by water (except matters subject to the jurisdiction of the Interstate

Commerce Commission); lights and signals, lifesaving equipment, and fire protection on merchant marine vessels; registering and licensing of vessels and small boats; merchant marine officers and seamen; navigable waters and navigation; rules and international arrangements to prevent collisions at sea; Coast Guard, including lifesaving service, lighthouses, lightships, and ocean derelicts; Coast Guard and Federal and State Merchant Marine Academies; Coast and Geodetic Survey (within the National Oceanic and Atmospheric Administration); Panama Canal; administration, sanitation, and government of the Canal Zone; interoceanic canals generally; oceanography, marine science, and engineering; control of pollution caused by discharges of vessels on inland waterways; control of oil pollution in domestic and international oceanic areas; fisheries and wildlife (research, restoration, refuges, conservation).

PUBLICATIONS: Reports and transcripts of hearings.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides reference services.

Senate Committee on Agriculture and Forestry

0546 Old Senate Office Bldg., Room 324
Constitution Ave. and 1st St. NE.
Washington, D.C. 20510
Tel: (202) 225-2035

AREAS OF INTEREST: Agriculture generally; inspection of livestock and meat products; animal industry and diseases of animals; adulteration of seeds; insect pests; protection of birds and animals in forest reserves; agricultural colleges and experiment stations; forestry in general; forest reserves other than those created from the public domain; agricultural economics and research; agricultural and industrial chemistry; dairy industry; entomology and plant quarantine; human nutrition and home economics; plant industry, soils, and agricultural engineering; agricultural educational extension services; extension of farm credit and farm security; rural electrification; agricultural production and marketing; stabilization of prices of agricultural products; crop insurance; soil conservation.

HOLDINGS: Reference collection.

PUBLICATIONS: Transcripts of hearings.

INFORMATION SERVICES: Answers inquiries; distributes transcripts of hearings; permits onsite use of reference collection.

CONNECTICUT AGRICULTURAL EXPERIMENT STATION

0547 P.O. Box 1106
New Haven, Conn. 06504

Location:

123 Huntington St.
New Haven, Conn.
Tel: (203) 787-7421

AREAS OF INTEREST: Plant sciences; plant pathology; ecology; entomology; tobacco; soils; climatology; analytical chemistry; biochemistry; genetics; biometrics.

HOLDINGS: Books, journals, reports.

PUBLICATIONS: *Frontiers of Plant Science* (May and November); research bulletins (irregular).

INFORMATION SERVICES: Answers inquiries; makes referrals; provides information on research in the Station's fields of competence to Connecticut citizens, business, and industry.

CONNECTICUT BOARD OF FISHERIES AND GAME

0548 State Office Bldg.
Hartford, Conn. 06115
Tel: (203) 527-6341 Ext. 2370

AREAS OF INTEREST: Wildlife management; laws and regulations; game; fish and fisheries (inland and marine); conservation; information and education; land acquisition.

HOLDINGS: 420 books; 5 journals; 3,800 reports; 60 films; 1,600 photographs; 4,800 slides; 600 maps.

PUBLICATIONS: *Connecticut Wildlife Conservation Bulletin*; reports, news releases, regulation manuals.

INFORMATION SERVICES: Answers technical inquiries; provides consulting services; makes referrals; identifies specimens; lends films.

CONNECTICUT COLLEGE

Department of Botany

0549 Connecticut College
New London, Conn. 06320
Tel: (203) 442-5391 Ext. 207

AREAS OF INTEREST: Botany; vegetation management; selective use of herbicides; preservation and scientific use of natural areas.

HOLDINGS: Small collection of periodicals.

research papers.

INFORMATION SERVICES: Answers inquiries free; provides consulting services for fee.

CONNECTICUT DEPARTMENT OF AGRICULTURE AND NATURAL RESOURCES

0550 State Office Bldg.
Hartford, Conn. 06115
Tel: (203) 527-6341

AREAS OF INTEREST: Agriculture and natural resources of Connecticut; dairy science; livestock; farms; soils; parks; forests and forestry; fisheries, fish breeding, fish hatcheries, and fishing; game; wildlife management; law enforcement; water resources; water pollution control; flood control; erosion; dams; shellfish; oysters; geology; natural history; maps; veterinary public health; marketing; boating regulation; conservation education; open space land acquisition.

PUBLICATIONS: *Connecticut Wildlife Conservation Bulletin* (bimonthly); pamphlets.

INFORMATION SERVICES: Answers brief inquiries; provides detailed information in the area of conservation education.

CONNECTICUT DEPARTMENT OF HEALTH

Environmental Health Services Division

0551 Connecticut Department of Health
79 Elm St.
Hartford, Conn. 06115
Tel: (203) 527-6341 Ext. 811

AREAS OF INTEREST: Source, treatment, and quality of public water supplies; fluoridation of water supplies; swimming pools and water recreational facilities; water pollution; municipal wastewater treatment; radioactive waste disposal; mosquito control; drainage; pesticides in water; detergents in water; wells; subsurface sewage disposal; shellfish sanitation; air pollution control; solid waste disposal; vermin control.

HOLDINGS: The Division uses the Department of Health Library.

year Average; reprints of articles published in the Department of Health monthly bulletin; pamphlets.

INFORMATION SERVICES: Answers inquiries; permits onsite reference; provides analysis of water samples.

CONNECTICUT DEPARTMENT OF MENTAL HEALTH

Alcohol and Drug Dependence Division

0552 Connecticut Department of Mental Health
51 Coventry St.
Hartford, Conn. 06112
Tel: (203) 566-3554

AREAS OF INTEREST: Statewide programs on all aspects of alcohol and drug experimentation, use, abuse, and dependence; prevention, education, research, treatment, and rehabilitation services.

HOLDINGS: Classified Abstract Archive of the Alcohol Literature (CAAAL); extensive collection of papers, abstracts, books, pamphlets, brochures, statistical studies, newspaper clippings, films, slides, and filmstrips.

PUBLICATIONS: Quarterly newsletter of general interest on alcohol and drugs.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; lends films; furnishes speakers and programs for community, civic, fraternal, and service organizations throughout the State.

CONSERVATION CENTER LIBRARY

see Denver Public Library

THE CONSERVATION FOUNDATION

0553 1717 Massachusetts Ave. NW.
Washington, D.C. 20036
Tel: (202) 265-8882

The Foundation conducts research, education, and information programs to develop knowledge, improve techniques, and stimulate public and private decisionmaking and action to improve the quality of the environment. It carries out environmental studies and demonstration planning programs, and offers a variety of conservation services at home and abroad.

0554
AREAS OF INTEREST: Conservation of natural resources; promotion of knowledge of the earth's resources and effective public and private action to enhance the environment.

HOLDINGS: 5,000 books; reports, periodicals, research data.

PUBLICATIONS: *CF Letter* (monthly report on environmental issues); other reports, pamphlets, books, reprints.

INFORMATION SERVICES: Permits onsite reference; sponsors environmental and policy studies, and conferences.

CONSUMER AND MARKETING SERVICE

see Agriculture, Department of

CONSUMERS' RESEARCH, INC.

0554 Washington, N.J. 07882
Tel: (201) 689-3300

AREAS OF INTEREST: Engineering; physics; chemistry; consumer safeguards against electric shock and other hazards; nutrition; chemical and biological food contaminants and additives; discount house operations; misleading advertising; deceptive pricing and packaging; manufacturers' guarantees; economics of consumption.

HOLDINGS: 7,500 books; 100 periodical titles; 3,500 technical reports; 150 test methods of various products; standards and specifications, photos, and color slides.

PUBLICATIONS: *Consumer Bulletin* (monthly and annual); reprints.

INFORMATION SERVICES: Answers inquiries; provides information on technical and scientific source material to Government agencies, academic and other researchers, authors, and others; provides literature-searching services at cost, when time permits; makes direct and interlibrary loans; permits onsite reference by approved scientific, academic, and Government researchers.

COOPERATIVE STATE RESEARCH SERVICE

see Agriculture, Department of

CORNELL UNIVERSITY

Albert R. Mann Library

0555 Cornell University
Ithaca, N.Y. 14850
Tel: (607) 256-5406

AREAS OF INTEREST: Biological and behavioral sciences; agriculture; entomology; nutrition; environmental quality.

HOLDINGS: 410,000 items, including books, journals, reports, and other material.

PUBLICATIONS: Bibliographic series.

INFORMATION SERVICES: Makes interlibrary loans; permits onsite reference.

Center for Environmental Quality Management

0556 Cornell University
302 Hollister Hall
Ithaca, N.Y. 14850
Tel: (607) 256-4898

AREAS OF INTEREST: Ecology, biology, medicine, engineering, and management as they relate to the problems of environmental control.

PUBLICATIONS: Monograph series (irregular; 25 titles to date).

INFORMATION SERVICES: Answers inquiries and provides consulting services.

Department of Entomology and Limnology

0557 Cornell University
162 Comstock Hall
Ithaca, N.Y. 14850
Tel: (607) 275-3253 or 275-3057

AREAS OF INTEREST: Entomology, including limnology, ecology, systematics, morphology, physiology, toxicology, biological control, and behavior (all related to insects).

HOLDINGS: 100 periodical titles; reports.

PUBLICATIONS: Reports, research publications.

INFORMATION SERVICES: Answers inquiries from New York residents, and on a limited basis from out-of-State residents.

Laboratory of Ornithology

0558 Cornell University
Ithaca, N.Y. 14850
Tel: (607) 256-5056

AREAS OF INTEREST: Ornithology.

HOLDINGS: The Library of Natural Sounds, consisting of 30,000 cuts of bird songs, representing about 30 percent of the world's species; the Nest Record Card Program, a continent-wide program to collect specific data on bird nesting and to put it in machine retrievable form; sponsored research data on artificial propagation of the Peregrine Falcon; 4,500 reprints; photos, slides, project records, books, journals, pamphlets.

PUBLICATIONS: *The Living Bird* (annual); newsletter. Special publications include *Birds of the Black Hills*, *Enjoying Birds in Upstate New York*, and *Enjoying Birds About New York City*.

INFORMATION SERVICES: Answers brief inquiries; provides short lists of literature citations in response to specific inquiries; provides photographs of bird specimens for publication; identifies birds; makes referrals; permits onsite use of collections. Services and program materials are available to students and professional biologists working on particular problems.

New York State College of Agriculture

Agricultural Experiment Station

0559 New York State College of Agriculture
Cornell University
Ithaca, N.Y. 14850
Tel: (607) 275-5429

AREAS OF INTEREST: General agriculture; social sciences; biology; earth sciences; home economics; bacteriology; biochemistry; botany; entomology; vertebrate zoology.

HOLDINGS: 275,000 volumes.

PUBLICATIONS: *New York Food and Life Sciences* (quarterly); data handbook, reports, proceedings, bulletins, memoirs.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services; permits onsite use of literature collection.

Department of Animal Science

0560 New York State College of Agriculture
Cornell University

Ithaca, N.Y. 14850
Tel: (607) 256-5497

AREAS OF INTEREST: Animal science; agricultural chemicals in food and animal products, including growth stimulants (antibiotics and hormones), growth regulators, pesticides (chlorinated hydrocarbons, organophosphates, carbonates), toxic metals, and anthelmintics.

HOLDINGS: About 5,000 volumes. The Department also uses the collections of the University Library.

PUBLICATIONS: Books, reports, critical reviews.

INFORMATION SERVICES: Answers inquiries.

Facilities include an IBM 360/40 computer.

Department of Food Science and Technology

0561 New York State College of Agriculture
New York State Agricultural Experiment
Station
Geneva, N.Y. 14456
Tel: (315) 787-2255

AREAS OF INTEREST: Food science and technology; food irradiation; food biochemistry; nutrition; food engineering; microbiology; fermentation; food additives; contamination of foods; food toxicants; pollution; fishkills; pesticide toxicity; analytical methods.

HOLDINGS: 5,000 books; 1,000 periodical titles.

PUBLICATIONS: Annual reports, bulletins, scientific journal articles.

INFORMATION SERVICES: Answers brief inquiries; provides consulting services on individual basis for fee; provides extension services free to New York food processors.

Department of Plant Breeding and Biometry

0562 New York State College of Agriculture
Cornell University
Emerson Hall
Tower Rd.
Ithaca, N.Y. 14850
Tel: (607) 256-2180

AREAS OF INTEREST: Plant breeding of field and vegetable crops; biometry.

PUBLICATIONS: *Cornell Recommends for Field Crops*; *Cornell Recommends for Vegetable Crops*; *Biometrics Unit Annual Report*; multilithed reports from individual breeding programs.

INFORMATION SERVICES: Answers inquiries from persons directly concerned with agriculture and the biological sciences.

Department of Vegetable Crops

0563 New York State College of Agriculture
149 Plant Science Bldg.
Cornell University
Ithaca, N.Y. 14850
Tel: (607) 275-4568

AREAS OF INTEREST: Vegetable crops, including breeding, physiology, variety evaluation, mineral nutrition, weed control, vegetable storage (including controlled atmosphere), photosynthesis of vegetables, quality evaluation (physical methods, quality of processed potatoes), greenhouse plant growing, and plastic greenhouses.

HOLDINGS: Small collection of books.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

New York State Veterinary College

Department of Physiology, Physiological Chemistry, and Pharmacology

0564 New York State Veterinary College
Cornell University
Ithaca, N.Y. 14850
Tel: (607) 275-2121

AREAS OF INTEREST: Veterinary physiology, physiological chemistry, and pharmacology; splanchnic blood flow; absorption; carbohydrate and fat metabolism and comparative gastroenterological research; antibiotics; narcotics; pesticides; poisonous plants; alkaloids; drugs; heavy metals; analytical methods, including chromatography and colorimetry.

HOLDINGS: The Department uses the collections of the Flower Veterinary Library.

PUBLICATIONS: Books, monographs.

INFORMATION SERVICES: Answers inquiries. Services are provided only to members of the medical and paramedical professions.

Flower Veterinary Library

0565 New York State Veterinary College
Cornell University

Ithaca, N.Y. 14850
Tel: (607) 256-2083

AREAS OF INTEREST: Veterinary medicine.

HOLDINGS: 47,500 volumes.

PUBLICATIONS: List of serials currently received.

INFORMATION SERVICES: Makes interlibrary loans; permits onsite reference.

Veterinary Virus Research Institute

0566 New York State Veterinary College
Cornell University
Ithaca, N.Y. 14850
Tel: (607) 272-1660

AREAS OF INTEREST: Animal viruses and vaccines for animal viruses (inactivated, live virus attenuated, viral fractions) in cattle, dogs, and pigs; immunology; serology; antiviral evaluation (defined natural host virus system); hog cholera virus (Arbovirus); canine distemper (Myxovirus); transmissible gastroenteritis in hogs (Myxovirus); infectious canine hepatitis (Adenovirus); canine herpesvirus.

HOLDINGS: 1,000 books; 50 periodical titles; reports.

PUBLICATIONS: Periodicals, reports, books.

INFORMATION SERVICES: Provides consulting services to scientists.

COUNCIL FOR INTERDISCIPLINARY COMMUNICATION IN MEDICINE

0567 500 Fifth Ave.
New York, N.Y. 10036
Tel: (212) 239-8380

AREAS OF INTEREST: Communication in all areas of medicine and subjects of interest to medical and paramedical personnel.

HOLDINGS: Films, film brochures, recordings, tapes, periodicals, reports, videotapes.

PUBLICATIONS: Transcripts of symposiums.

INFORMATION SERVICES: Provides consulting services; lends films and other material.

COUNCIL FOR TOBACCO RESEARCH- U.S.A.

0568 110 East 59th St.
New York, N.Y. 10022
Tel: (212) 421-8885

AREAS OF INTEREST: Scientific research into tobacco use and its health aspects, including carcinogenesis studies, cardiovascular research studies of the cellular level, pulmonary physiology, anatomy, and psychophysiological studies; tobacco chemistry, biochemistry, and pharmacology.

HOLDINGS: 64,000 technical reports; 575 books; 88 journals; 200 abstracts; 240 pamphlets.

PUBLICATIONS: Annual report.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides short lists of literature citations in response to specific inquiries; furnishes location of hard-to-find bibliographic materials; permits onsite use of collection by appointment. Services are provided free to serious researchers.

COUNCIL OF BIOLOGY EDITORS

0569 Federation of American Societies for
Experimental Biology
9650 Rockville Pike
Bethesda, Md. 20014
Tel: (301) 530-3200 Ext. 316

AREAS OF INTEREST: Standards and methods in the publication of primary biological journals and scientific and technical journals.

PUBLICATIONS: *Style Manual for Biological Journals*; newsletter for members.

INFORMATION SERVICES: Provides referral services to serious inquirers within the limits of available time.

COUNCIL OF ORGANIZATIONS SERVING THE DEAF, INC.

0570 4201 Connecticut Ave. NW.
Washington, D.C. 20008
Tel: (202) 363-8611

A nonprofit organization created to promote the best interests of deaf persons through cooperative efforts by its autonomous member organizations, the Council is composed of groups providing educational, social, rehabilitative, religious, and medical research services in the area of deafness.

AREAS OF INTEREST: The deaf, hearing-impaired, and hard-of-hearing; social and economic barriers of deafness; prevention of deafness.

PUBLICATIONS: Newsletter, forum proceedings.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals.

COX HEART INSTITUTE

0571 3525 Southern Blvd.
Kettering, Ohio 45429
Tel: (513) 299-7204

The Institute is sponsored, in part, by the National Institutes of Health and the American Heart Association.

AREAS OF INTEREST: Mechanism of coronary artery disease, myocardial infarction, heart failure, and hypertension; bioengineering, including artificial hearts and heart-lung machines; application of computers to heart diseases.

HOLDINGS: 200 books; 30 journal subscriptions.

PUBLICATIONS: *Work-in-Progress Bulletin*; annual report.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

Facilities include a DEC 15/35 computer, a PDP DEC 15/20 laboratory computer, and a Siemens 6-inch image intensifier with a 35mm cine attachment.

CRANBROOK INSTITUTE OF SCIENCE

0572 500 Lone Pine Rd.
Bloomfield Hills, Mich. 48013
Tel: (313) 644-1600

AREAS OF INTEREST: General science; mathematics; physics; astronomy; meteorology; mineralogy; geology; biology; botany; anthropology; flora and fauna of the Great Lakes region; culture and ethnology of the American Indian.

HOLDINGS: The Institute's museum offers permanent exhibits relating to the sky, the weather, minerals, rocks, earth's structure, earth's history, biological principles, mathematics, physics, and the American Indian. The Institute's library contains holdings on general science, biology, botany, astronomy, mineralogy, and anthropology, with particular emphasis on the flora and fauna of the Great Lakes region and the culture and ethnology of the American Indian. It is a depository for publications of the U.S. Departments of Agriculture, Commerce, State, and Interior, the U.S. Atomic Energy Commission, the Smithsonian Institution, and the National Aeronautics and Space Administration. Two nature centers, a planetarium, and an observatory are also maintained by the Institute.

PUBLICATIONS: Newsletter (monthly); books, manuals, reports, pamphlets. A list of Institute publications is available on request.

INFORMATION SERVICES: The museum is open to the public for a small admission fee and guide service is available. Public demonstrations in the planetarium and observatory are scheduled regularly. The library's holdings may be used onsite.

CREEDMOOR INSTITUTE FOR PSYCHOBIOLOGIC STUDIES

0573 Creedmoor State Hospital
Station 60
Queens Village, N.Y. 11427
Tel: (212) 464-7500

AREAS OF INTEREST: Psychobiologic diseases and drugs, particularly Huntington's Chorea, progeria, chronic brain syndromes, cerebral vasorelaxant drugs, and pyridoxine.

HOLDINGS: Collection of books, journals, reports, films, photos, and data.

PUBLICATIONS: Reports, reprints.

INFORMATION SERVICES: Answers technical inquiries; provides copies of reports and reprints; permits onsite use of collection.

CREIGHTON UNIVERSITY

School of Medicine

Department of Physiology- Pharmacology

0574 School of Medicine
Creighton University
Omaha, Nebr. 68131
Tel: (402) 348-2925

AREAS OF INTEREST: Physiology (endocrines, cardiac, renal, muscle, cellular, gastro-intestinal); pharmacology (autonomic, diabetes, psychopharmacology, steroids, cardiac, gastro-intestinal).

INFORMATION SERVICES: Answers inquiries; provides lectures and information on problems of drug abuse. The Department serves as a clinical pharmacological consultant to the Regional Medical Program Drug Information Service.

CROP SCIENCE SOCIETY OF AMERICA

0575 677 South Segoe Rd.
Madison, Wis. 53711

Tel: (608) 274-1212

The Society is closely affiliated with the American Society of Agronomy and the Soil Science Society of America. Society committees cover such subjects as Public Service, Achievement Awards, Variety (cultivar) Registration, Preservation of Genetic Stock, Seed Industry, and Teaching Improvement. Representatives maintain liaison with the American Grassland Council, National Research Council, National Academy of Sciences, International Committee for Nomenclature of Cultivated Plants, and other groups.

AREAS OF INTEREST: Crop breeding, genetics, and cytology; crop physiology and metabolism; crop ecology, production, and management; crop quality and utilization; turfgrass management; seed production.

HOLDINGS: Back issues of *Crop Science* (10 volumes); a reference library of 600 books and many pamphlets.

PUBLICATIONS: *Crop Science* (bimonthly); special report series. Publications are available by purchase or subscription.

INFORMATION SERVICES: Answers inquiries; makes referrals.

CRYONICS SOCIETY OF MICHIGAN, INC.

0576 24041 Stratford
Oak Park, Mich. 48237
Tel: (313) 398-0762 or 543-2619

AREAS OF INTEREST: Life extension through cryonic suspension (freezing the newly dead with the hope of future reanimation); anabiosis.

HOLDINGS: A file of significant newspaper clippings, articles appearing in magazines and scientific journals, and books pertaining to cryobiological suspension of animals and humans (photocopies of some documents may be made available at cost to individuals who express a special interest in the topic).

PUBLICATIONS: *The Outlook* (monthly); brochure.

INFORMATION SERVICES: Answers inquiries, provides consulting and reference services, and makes referrals free.

The Society assists in freezing, perfusing, and storing patients, if they are members of the Society or if they are unable to obtain such services privately, and if they have made adequate legal and financial arrangements.

CURRENT RESEARCH INFORMATION SYSTEM (CRIS)

see Agriculture, Department of. Cooperative State Research Service

DAIRY AND FOOD INDUSTRIES SUPPLY ASSOCIATION

0577 5530 Wisconsin Ave.
Bethesda, Md. 20015
Tel: (301) 652-4420

AREAS OF INTEREST: Sanitary standards for food and dairy processing equipment and materials; technology of processing dairy products; market research statistics.

HOLDINGS: Standards.

PUBLICATIONS: The Association participates in the writing of 3-A Sanitary Standards for food and dairy processing equipment and materials, in collaboration with the Dairy Industry Committee, the U.S. Public Health Service, and the International Association of Milk, Food, and Environmental Sanitarians. These standards are originally published officially in the *Journal of Milk and Food Technology*.

INFORMATION SERVICES: Technical inquiries are answered by members of the Association or referred to specialists. Pertinent reprints of published 3-A Sanitary Standards are furnished in reply to inquiries.

The Association sponsors a large industrial exposition biennially.

DAIRY COUNCIL OF THE TWIN CITIES

0578 Hillsborough Office Bldg., Suite 220
2353 North Rice St.
St. Paul, Minn. 55113
Tel: (612) 483-2615

AREAS OF INTEREST: Food and nutrition.

HOLDINGS: 169 periodical titles.

PUBLICATIONS: *Nutrition News* (4 issues a year); *Dairy Council Digest* (6 issues a year); booklets, leaflets, posters, motion pictures, filmstrips, transparencies.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; conducts nutrition education workshops and seminars. Services are primarily for professional health personnel and fees may be charged to persons living outside the Twin Cities area.

DAIRY RESEARCH, INC.

0579 120 Eastman Bldg.
Arlington Heights, Ill. 60004
Tel: (312) 394-5900

AREAS OF INTEREST: Dairy and food sciences.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: *Dairy Research Digest* (monthly).

INFORMATION SERVICES: Answers inquiries; provides reference, literature-searching, and translation services. Services are provided for the whole dairy industry.

DANVERS STATE HOSPITAL

MacDonald Medical Library

0580 Danvers State Hospital
P.O. Box 50
Hathorne, Mass. 01937
Tel: (617) 774-5000 Ext. 316

AREAS OF INTEREST: Psychiatry; psychology.

HOLDINGS: 50 periodical titles, including: complete sets of the *American Journal of Insanity* (later the *American Journal of Psychiatry*) and the *Archives of Neurology and Psychiatry*; the *American Journal of Medical Sciences*, from 1881; the *American Journal of Orthopsychiatry*, from 1940; the *Bulletin of the Menninger Clinic*; *Diseases of the Nervous System*; and the *Journal of Nervous and Mental Disorders*. A collection of books and reports is also maintained.

INFORMATION SERVICES: Answers inquiries; makes interlibrary loans (the borrower is required to pay return postage).

DARTMOUTH COLLEGE

Dartmouth Medical School

Dana Biomedical Library

0581 Dartmouth Medical School
Hanover, N.H. 03755
Tel: (603) 646-2858

AREAS OF INTEREST: Biology; medicine; agriculture; ophthalmology; longevity.

HOLDINGS: 33,701 books; 2,000 periodical titles; 51,919 bound volumes of journals.

INFORMATION SERVICES: Answers inquiries; provides reference, literature-searching, and abstracting services; provides duplication services for fee; makes interlibrary loans; permits onsite use of collection. Services are primarily for College and hospital affiliated personnel.

Department of Pharmacology and Toxicology

0582 Dartmouth Medical School
Hanover, N.H. 03755
Tel: (603) 646-2612

AREAS OF INTEREST: Pharmacology; acute poisonings, with emphasis on clinical toxicology, diagnosis, treatment, and prognosis; experimental (animal) studies on chemical mechanisms and treatment in hydrogen sulfide poisoning; toxicologic implications of methemoglobinemia; computer retrieval of toxicity data.

PUBLICATIONS: *Clinical Toxicology of Commercial Products* (3d ed., 1969, available from Williams & Wilkins Co., Baltimore, Md.); monthly bulletin of information on clinical toxicology (since 1957).

INFORMATION SERVICES: Answers inquiries from physicians and laymen, poison information and treatment centers, and State and municipal health departments.

DAYTON MUSEUM OF NATURAL HISTORY

0583 2629 Ridge Ave.
Dayton, Ohio 45414
Tel: (513) 275-7432

AREAS OF INTEREST: Zoology; botany; geology; anthropology; paleontology; ethnology; ecology; astronomy.

HOLDINGS: 150,000 specimens; a library of about 12,000 items, including books, journals, technical reports, reprints, motion pictures, photos, slides, and maps.

PUBLICATIONS: Brochures.

INFORMATION SERVICES: Answers inquiries; provides consulting services; identifies specimens; makes referrals. The exhibits and library collections are open to the public for onsite reference.

Facilities include a planetarium and an observatory.

DEFENSE, DEPARTMENT OF

see also Air Force, Department of the; Army, Department of the; Navy, Department of the

Armed Forces Institute of Pathology

0584 14th St. and Alaska Ave. NW.
Washington, D.C. 20305
Tel: (202) 576-2800

A joint agency of the Army, Navy, and Air Force, the Institute is under the management control of the Secretary of the Army.

AREAS OF INTEREST: All aspects of pathology, such as neuropathology, marine biopathology, and ophthalmic, forensic, oral, veterinary, geographic, and radiologic pathology.

HOLDINGS: The American Registry of Pathology (tissues, slides, case records, etc.), consisting of 27 registries, each registry dealing with one field of pathology; a library collection of about 10,000 books, 250 periodical titles, and 1,000 reports; a Medical Museum, divided into four main areas: The Hall of Pathology, The Hall of History, The Hall of Current Events, and The Hall of Instruments, containing the world's largest microscope collection.

PUBLICATIONS: Pathology syllabus fascicles; newsletter, journal articles, books, reports, pamphlets. Approximately 200 professional papers are published annually. A publications list is available.

INFORMATION SERVICES: Answers inquiries and provides a worldwide consulting service which, on an emergency basis, can be completed in 24 hours; provides instruction in Advanced Pathology, offering 22 postgraduate courses annually; makes referrals; lends pathologic, photographic, and other educational materials to Federal medical services, museums, medical schools, scientific institutions, and to qualified professional individuals; conducts experimental, statistical, and morphological research; permits onsite use of collections. Services are primarily for medical, dental, and veterinary pathologists and related professionals. The Medical Museum is open to the Public.

Facilities include the 16-room Center for Advanced Study in Pathology (CASP) for professional use.

Armed Forces Radiobiology Research Institute Library

0585 Bethesda, Md. 20014
Tel: (301) 295-1330

AREAS OF INTEREST: Radiobiology; physiology; biochemistry; chemistry; pathology; immunology; psychology; nuclear physics; nuclear engineering; nuclear reactors; dosimetry; health physics.

HOLDINGS: Approximately 5,000 books, 250 periodical titles, and 100,000 reports in hard copy and microfiche.

PUBLICATIONS: *AFRRI Scientific Reports*; *AFRRI Technical Notes*.

INFORMATION SERVICES: Answers inquiries; provides reference services; makes interlibrary loans; permits onsite use of collection. Services are available to those with a need-to-know and whose user requirements can be processed on an "as time permits" basis.

Defense Documentation Center

0586 Defense Supply Agency
U.S. Department of Defense
Cameron Station
Alexandria, Va. 22314
Tel: (202) 274-7067

The Defense Documentation Center (DDC) is the central depository for technical reports generated by the research, development, test, and evaluation activities of the Department of Defense and its contractors, subcontractors, and grantees. Technical reports are received from other U.S. Government agencies and from several foreign nations on a reciprocal or voluntary basis. DDC operates, for organizations registered for service, the Research and Technology Work Unit Information System, a fully automated data bank containing work unit information descriptions of current Defense-sponsored and NASA-sponsored efforts in research and technology. Data banks concerning Contractor Performance Evaluation Reports and Contractor Cost Reduction Reports are maintained for use by selected military procurement organizations. Other data banks are maintained for special projects directed by the Director, Defense Research and Engineering. In addition, the Center is responsible for the development of long-range concepts and requirements for new or improved Defense documentation and information systems, services, and products.

AREAS OF INTEREST: The fields of science and technology are subdivided into the following categories for announcement and distribution control: aeronautics; agriculture; astronomy and astrophysics; atmospheric sciences; behavioral and social sciences; biological and medical sciences; chemistry; earth sciences and oceanography; electronics and electrical engineering; energy conversion (nonpropulsive); materials; mathematical sciences; mechanical, industrial, civil, and marine engineering; methods and equipment; military sciences; missile technology; navigation, communications, detection, and countermeasures; nuclear

science and technology; ordnance; physics; propulsion and fuels; and space technology.

HOLDINGS: The technical report collection totals more than a million titles with approximately 45,000 titles added each year. About 20,000 summaries of management and technical information concerning on-going DoD and NASA research and development projects are maintained in the R&T Work Unit Information System.

PUBLICATIONS: *Technical Abstract Bulletin*, a classified (Confidential) publication, appears twice monthly and contains announcement descriptions of classified documents and of unclassified reports having release limitations. *Technical Abstract Bulletin Indexes*, unclassified, is distributed to all registered user organizations and includes the Corporate Author-Monitoring Agency Index, Subject Index, Title Index, Personal Author Index, Contract Index, Report Number Index, and Release Authority Index. This index volume is issued twice monthly to coincide with release of the announcement publication and is cumulated quarterly and annually. Other publications include scheduled bibliographies, bibliographies tailor-made to individual user requests, R&T Work Unit System printouts, an *Annual Historical Summary*, and informational materials concerning the Center's activities, documentation services, and information concerning eligibility to obtain these services.

INFORMATION SERVICES: DDC products and services are available to U.S. Government agencies, contractors, subcontractors and grantees, and to Defense potential contractors formally associated with a military department awareness program. To receive service, an organization must be officially registered with the Center. Technical reports are supplied to users in microform without cost; a service charge is imposed for paper copies. Bibliographic searches are made; all of the AD collection is computerized for rapid searching. Scheduled bibliographies, which concern subjects of high interest, are published as part of the technical report collection. Report bibliographies are prepared in response to specific requests for references to technical reports having a particular relationship in subject matter or other aspects. Compilations of scientific subject-oriented or management-oriented data are produced on request from a data bank of stored work unit information on current research and technology efforts of DoD and NASA. Work unit information that is unclassified and unlimited is furnished periodically to the Smithsonian Science Information Exchange for use in the public domain. The National Science

Foundation receives work unit information on Government-sponsored research and engineering projects at academic institutions. A referral service, coordinated with the National Referral Center at the Library of Congress and covering activities within or sponsored by the Department of Defense, is operated by DDC. The unclassified-unlimited Defense technical reports are announced in *Government Reports Announcements*, a publication of the National Technical Information Service (NTIS) of the Department of Commerce, and are available for sale to the general public through NTIS.

Military Entomology Information Service

0587 Armed Forces Pest Control Board
Forest Glen Section
Walter Reed Army Medical Center
Washington, D.C. 20012
Tel: (202) 576-5365 or 576-5366

This Service, operated by the Armed Forces Pest Control Board under the management of the Department of Defense, maintains worldwide entomological and pest control information of potential military interest.

AREAS OF INTEREST: Military medical and engineering entomology, including: arthropod and rodent vectors of disease; prevention of damage to property and material by insects, rodents, birds, and other destructive and obnoxious pests; elimination of pests on military bases, aircraft, ships, and other vehicles; pesticides, including herbicides.

HOLDINGS: Over 95,000 noncirculating documents primarily of scientific or technical journal origin; Cornell University--Natick Laboratories' "Pest and Disease Insect File"; USDA/AMCA file; University of Maryland's "Index Catalogue Russian/European/Chinese Medical Entomology"; Dr. H. Fuller Collection (fleas, lice, mites, ticks); over 350 textbooks; periodicals, reports, data.

PUBLICATIONS: Bibliographies, critical reviews.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides reference, literature-searching, and abstracting services; periodically distributes subject-oriented annotated bibliography of recent accessions to users with interest profile on file. Services are available to all military entomologists, Federal agencies, contractors on the Defense Documentation Center dissemination authorization list, nonprofit institutions, and others approved by the Armed Forces Pest Control Board.

DEKALB AGRESEARCH, INC.

Agronomic Research Department

0588 DeKalb AgResearch, Inc.
Sycamore Rd.
DeKalb, Ill. 60115
Tel: (815) 758-3461

AREAS OF INTEREST: Corn, sorghum, and wheat breeding, including botany, plant pathology, genetics, hybridization, cytogenetics, and related sciences; poultry breeding (both laying and broiler types) and related disciplines of pathology, statistics, hybridization, and egg quality.

HOLDINGS: 400 specimens; 2,600 data compilations; 8,000 photos; 6,200 slides; 800 technical reports; 4,900 books; 8,400 journals; 1,100 abstracts; 13,000 pamphlets.

PUBLICATIONS: Pamphlets.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; identifies disease problems; prepares analyses.

DELAWARE ACADEMY OF MEDICINE, INC. LIBRARY

0589 1925 Lovering Ave.
Wilmington, Del. 19806
Tel: (302) 656-1629

AREAS OF INTEREST: Medicine and dentistry.

HOLDINGS: 4,400 books; 200 journal subscriptions. Most of the material is less than 40 years old.

INFORMATION SERVICES: Permits onsite use of collection; makes interlibrary loans. Material may be photocopied. Bibliographies are prepared for members of the Academy, who also have loan privileges. Technical inquiries are not answered.

DELAWARE AGRICULTURAL EXPERIMENT STATION AND EXTENSION SERVICE

see University of Delaware

DELAWARE DEPARTMENT OF HEALTH AND SOCIAL SERVICES

Coordinator of Professional License Boards

Board of Pharmacy

0590 Coordinator of Professional License Boards
Delaware Department of Health and Social
Services
State Health Bldg.
Federal and D Sts.
Dover, Del. 19901

AREAS OF INTEREST: Registration of all pharmacists and pharmacies in Delaware; examination for licensure; reciprocal licensure; marketing of drugs.

HOLDINGS: A registry of pharmacists and pharmacies in the State.

INFORMATION SERVICES: Answers inquiries.

Division of Physical Health

Bureau of Environmental Health

0591 Division of Physical Health
Delaware Department of Health and Social
Services
State Health Bldg.
Federal and D Sts.
Dover, Del. 19901
Tel: (302) 678-4731

AREAS OF INTEREST: Environmental pollution; toxicology; contamination of food.

HOLDINGS: File of standards and specifications for use of toxic substances, primarily pesticides and heavy metals.

INFORMATION SERVICES: Answers inquiries; provides consulting services; provides copies of printed standards.

Division of Physical Health Library

0592 Delaware Department of Health and Social
Services
State Health Bldg.
Capital Square
Dover, Del. 19901
Tel: (302) 678-4754

AREAS OF INTEREST: Public health in Delaware.

HOLDINGS: 600 films; 850 pamphlets.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; lends films.

DELAWARE DIVISION OF FISH AND WILDLIFE

0593 D St. and Legislative Ave.
Dover, Del. 19901
Tel: (302) 678-4431

AREAS OF INTEREST: Game, fish, and dog laws and regulations; wildlife conservation; herbicides; insecticides; fishkills.

HOLDINGS: 1,600 photos; 650 slides; 40,000 preprints and reprints; 3 volumes of law books and summaries; journals, pamphlets, abstracts.

PUBLICATIONS: *Delaware Conservationist* (quarterly wildlife magazine); *Delaware Outdoors* (newsletter); *Delaware Game, Fish, and Dog Laws and Regulations*.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting, reference, and identification services; permits onsite use of collection.

DELAWARE WATER AND AIR RESOURCES COMMISSION

0594 Lockerman St. and Legislative Ave.
Dover, Del. 19901
Tel: (302) 734-5711 Ext. 470 or 471

AREAS OF INTEREST: Air and water pollution control; industrial and domestic wastes treatment; water resources and subaqueous lands management; mineral exploration and exploitation regulation.

HOLDINGS: Books, journals, standards and specifications, maps, data.

PUBLICATIONS: Special reports (titles are listed in the Commission's biennial *Progress Report*, available free).

INFORMATION SERVICES: Answers inquiries; permits onsite reference; performs laboratory analyses of samples of water, sewage, and industrial wastes affecting public water supplies.

DELTA REGIONAL PRIMATE RESEARCH CENTER

see Tulane University

DENVER MEDICAL SOCIETY LIBRARY

0595 1601 East 19th Ave.
 Denver, Colo. 80218
Tel: (303) 222-5817

AREAS OF INTEREST: Medicine; dentistry; veterinary medicine.

HOLDINGS: 20,000 books; 30,000 journals. Special collections include the Herbert W. Work collection on psychiatry, neurology, and neurosurgery and the Herbert M. Evans collection of medical classics.

INFORMATION SERVICES: Provides reference services to physicians in Montana, Nevada, New Mexico, Utah, and Wyoming and to members of the Denver Medical Society, the Colorado Medical Society, the Colorado Nurses Association, the Colorado Dental Association, and the Denver Veterinary Association; makes interlibrary loans to physicians, dentists, and veterinarians mentioned above, and to scientific libraries; provides duplication services.

**DENVER POLICE DEPARTMENT
CRIME LABORATORY**

0596 13th and Champa Sts.
 Denver, Colo. 80204
Tel: (303) 297-2845

AREAS OF INTEREST: Ballistics; tool mark comparisons; fingerprinting; handwriting; alcohols; narcotics; drugs.

HOLDINGS: 500 books.

INFORMATION SERVICES: Answers inquiries; makes referrals. Services are available to law enforcement agencies or other governmental agencies only.

Facilities include photographic and handwriting analysis equipment and some instrumental chemistry and microscopic facilities.

DENVER PUBLIC LIBRARY**Conservation Library Center**

0597 Denver Public Library
 1357 Broadway
 Denver, Colo. 80203
Tel: (303) 266-0851 Ext. 262

AREAS OF INTEREST: Conservation of natural resources, primarily in the United States, from the viewpoint of those interested in the development of ecologically sound natural resource policies and programs for a quality environment through research, education, and legislative and legal action.

HOLDINGS: Books, pamphlets, journals, and published and unpublished reports, including extensive collections of Federal, United Nations, and state government documents; manuscripts; photos and negatives; diaries and field notes; personal and organizational files; tape-recorded interviews. The collections include historical material and some foreign publications. The Center also collects and indexes unpublished research reports on fisheries and wildlife in cooperation with the Bureau of Sport Fisheries and Wildlife of the U.S. Department of the Interior.

INFORMATION SERVICES: Answers inquiries; provides reference, bibliographic, and duplication services; makes interlibrary loans; permits onsite use of literature collection.

Science and Engineering Department

0598 Denver Public Library
 1357 Broadway
 Denver, Colo. 80203
Tel: (303) 266-0851

AREAS OF INTEREST: Mathematics; astronomy; physics, including electricity, sound, light, heat, hydraulics, and nuclear energy; chemistry; earth sciences; anthropology and archaeology; biology; agriculture; botany and zoology; patents and inventions; technology; all types of engineering and electronics involving radar, radio, and television; petroleum; mining; metallurgy and chemical technology; refrigeration; auto mechanics; welding sheet metal work; drafting; blue print reading; guns; horology; manufacturing; building trades and construction; nontechnical medical and veterinary materials; pets and animal husbandry; aeronautics conservation.

HOLDINGS: 99,036 books; 32,527 bound journals; 41,000 State and foreign documents; 494,199 Federal documents, including AEC reports; U.S. Geological Survey topographic maps and other geological survey publications; U.S. Bureau of Mines publications; U.S. Patent Office Gazette and other Federal Government publications; Rand R reports; standards, specifications, codes.

PUBLICATIONS: *New Additions List* (semiannual).

INFORMATION SERVICES: Answers inquiries; makes referrals; provides reference services; permits onsite reference; makes interlibrary loans; provides duplication services for fee.

DENVER RESEARCH INSTITUTE

see University of Denver

DEPARTMENT OF (U.S. GOVERNMENT)

see Agriculture; Air Force; Army; Commerce; Defense; Health, Education, and Welfare; Interior; Justice; Navy; State; Transportation

DESCANSO GARDENS

0599 1418 Descanso Dr.
La Canada, Calif. 91011
Tel: (213) 790-5571 or 681-0331

Descanso Gardens are operated by the Los Angeles County Department of Arboreta and Botanic Gardens.

AREAS OF INTEREST: Ornamental botany.

HOLDINGS: Display garden of flowers and trees, including special plantings of camellias and roses.

INFORMATION SERVICES: The Gardens are open to the public for onsite reference. Nature classes for children and adult education classes are offered.

DESERET TEST CENTER TECHNICAL LIBRARY

see Army, Department of the. Army Materiel Command. Army Test and Evaluation Command

DESERT BIOLOGY STATION

see University of Arizona

DESERT BOTANICAL GARDEN OF ARIZONA

0600 P.O. Box 5415
Phoenix, Ariz. 85010

Location:

6400 East McDowell Rd.
Phoenix, Ariz.

Tel: (602) 945-2800

The Desert Botanical Garden of Arizona is sponsored by the Arizona Cactus and Native Flora Society, Inc.

AREAS OF INTEREST: Taxonomic and horticultural study of desert plants.

HOLDINGS: 9,000 plant specimens; 4,500 herbarium sheets; 1,000 books; 5,000 photos; 9,000 slides; periodicals, abstracts, pamphlets, clippings.

PUBLICATIONS: *Saguaro Land Bulletin* (10 issues a year); books, pamphlets.

INFORMATION SERVICES: Answers inquiries; provides reference and consulting services; identifies desert plants; permits onsite use of collections.

DESERT RESEARCH INSTITUTE

see University of Nevada

DETROIT DEPARTMENT OF HEALTH

Bureau of Industrial Hygiene

0601 Detroit Department of Health
8801 John C. Lodge Expressway
Detroit, Mich. 48202
Tel: (313) 872-1540 Ext. 209

AREAS OF INTEREST: Industrial hygiene; industrial toxicology; air pollution, noise, and vibration effects on health; radiological health; engineering control of occupational environmental hazards; workmen's compensation (occupational disease).

HOLDINGS: Collection of books, periodicals, reports, and reprints.

PUBLICATIONS: Reports, papers, information sheets on toxicology, ventilation, first aid, and personal protective equipment.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services.

The Bureau maintains an industrial hygiene laboratory and supervises a poison information center (open 8 a.m. to 6:30 p.m. daily).

DETROIT ZOOLOGICAL PARK

0602 P.O. Box 39
Royal Oak, Mich. 48068

Location:

8450 West Ten Mile Rd.
Royal Oak, Mich.

0603

Tel: (313) 398-0900

AREAS OF INTEREST: Animal behavior, ecology, nutrition, reproductive physiology, and pathology; clinical veterinary medicine; proper handling of captive animals; anesthesia for immobilization; outdoor recreation; education; conservation of endangered species.

HOLDINGS: The 122-acre Park maintains a collection of mammals, birds, reptiles, amphibians, and fish for visitor enjoyment, education, and research.

PUBLICATIONS: Motion picture, bulletins, news releases.

INFORMATION SERVICES: Answers inquiries. The Park is open to the public.

Facilities include a closed-circuit TV system, an amphitheater, a railroad system for Park transportation, and X-ray equipment.

DIABETES LITERATURE RETRIEVAL PROJECT

see University of Minnesota

DIAMOND SHAMROCK CHEMICAL CO.

Nopco Chemical Division Library

0603 Diamond Shamrock Chemical Co.
1st and Essex Sts.
Harrison, N.J. 07029
Tel: (201) 484-8400

Diamond Shamrock Chemical Co. is a unit of Diamond Shamrock Corp.

AREAS OF INTEREST: Industrial, analytical, organic, textile, paper, and leather chemistry and related technologies; surface active agents; fats and vegetable oils; polyurethane resins; animal and poultry nutrition; dairy products; vitamins.

HOLDINGS: 5,500 books; 450 journal titles; 200,000 patents; 500 reports.

PUBLICATIONS: Patent abstract journal, accessions list.

INFORMATION SERVICES: Makes interlibrary loans.

DIABETES LITERATURE RETRIEVAL PROJECT

DISTRICT OF COLUMBIA DEPARTMENT OF HUMAN RESOURCES

Community Health Services Administration

Directorate for Environmental Health

0604 Community Health Services Administration
District of Columbia Department of Human
Resources
1875 Connecticut Ave. NW., Room 830-D
Washington, D.C. 20009
Tel: (202) 629-3105

AREAS OF INTEREST: Water quality control; radiological health; air pollution and environmental engineering; drug and chemical control; food protection; public health aspects of milk production and processing of dairy products; industrial hygiene; institutional hygiene; vector control; water supply for the District of Columbia; bathing place safety and sanitation; supervision of sewage disposal and sewage by-products; health aspects of the Potomac water system.

HOLDINGS: Standards and regulations.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services; identifies vectors and performs biochemical laboratory examinations.

Preventive Services

BUREAU OF LABORATORIES

0605 Preventive Services
Community Health Services Administration
District of Columbia Department of Human
Resources
300 Indiana Ave. NW., Room 6154
Washington, D.C. 20001
Tel: (202) 629-3623

The Bureau of Laboratories provides comprehensive laboratory services for the Department of Human Resources and other departments of the District of Columbia, public and private agencies, hospitals, physicians, and other citizens to obtain information for use in support of the prevention, diagnosis, and treatment of communicable and chronic diseases, industrial hygiene problems, environmental hazards, and forensic situations, and for accreditation of independent laboratories and certification of laboratory services pertaining to the Medicare Program.

DRAKE UNIVERSITY

AREAS OF INTEREST: Microbiology; pathology; serology; chemistry; accreditation.

HOLDINGS: Tissue specimens and preparations; specialized equipment; standards of toxic materials; reference collection of books, periodicals, and reports.

PUBLICATIONS: Reports, journal articles, editorials.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Services are available to scientists, medical personnel, and courts.

Mental Health Administration

Bureau of Alcoholism

ALCOHOL DETOXIFICATION CENTER

0606 Bureau of Alcoholism
Mental Health Administration
District of Columbia Department of Human Resources
619 N St. NW.
Washington, D.C. 20001
Tel: (202) 629-4068 or 629-5031

The Alcohol Detoxification Center is an emergency care facility for the public inebriate, either police or self/agency referred.

AREAS OF INTEREST: Alcoholism; detoxification; emergency care for acute intoxication.

PUBLICATIONS: *Detoxification Center: A Public Health Alternative for the "Drunk Tank"*.

INFORMATION SERVICES: Provides consulting services and conducts extensive tours and orientation programs for professionals.

Office of Public Affairs

Health Information and Referral Center

0607 Office of Public Affairs
District of Columbia Department of Human Resources
919 12th St. NW.
Washington, D.C. 20005
Tel: (202) 629-3776

AREAS OF INTEREST: Public health in the District of Columbia.

HOLDINGS: An inventory of names and addresses where individuals can go to obtain help with their health problems; a collection of pamphlets published by public health agencies and other organizations.

0610

INFORMATION SERVICES: Makes referrals. Services are primarily for District of Columbia residents.

DISTRICT OF COLUMBIA DEPARTMENT OF SANITARY ENGINEERING

Office of the Director

0608 District of Columbia Department of Sanitary Engineering
415 12th St. NW., Room 307
Washington, D.C. 20004
Tel: (202) 629-3415

AREAS OF INTEREST: Water supply, sewage collection and disposal, and solid waste collection and disposal in the District of Columbia.

HOLDINGS: File information on operations of facilities operated by the Department of Sanitary Engineering; water quality data on the Potomac and Anacostia Rivers.

INFORMATION SERVICES: Answers inquiries; permits onsite use of collection.

DOLE CO.

0609 650 Iwilei Rd.
Honolulu, Hawaii 96817
Tel: (808) 536-3411

Dole Co. is a division of Castle & Cooke, Inc.

AREAS OF INTEREST: Pineapples; food processing; business management and finance; tropical agriculture; doing business in foreign countries.

HOLDINGS: 10,000 books; 275 periodical titles; 400 photos; 500 slides; 7,000 pamphlets; 120 vertical file drawers of data compilations; abstracts, newsletters, Government standards.

INFORMATION SERVICES: Answers inquiries; provides reference, literature-searching, and duplication services; makes interlibrary loans; permits onsite use of collection. Services are provided free to businessmen, scientists, and graduate students.

DRAKE UNIVERSITY

College of Pharmacy

0610 Drake University
Des Moines, Iowa 50311
Tel: (515) 271-2172

macology and pharmacognosy; drug overdosage; drug idiosyncrasies; drug incompatibilities; drug identification; pollens; heavy metals; analytical methods, including chromatography, electrophoresis, ultraviolet and flame spectrometry, and colorimetry.

HOLDINGS: Small collection of books and periodicals. The College of Pharmacy also has access to the collections of the Iowa State Medical Library.

PUBLICATIONS: Critical reviews.

INFORMATION SERVICES: Answers inquiries; provides consulting and literature-searching services. Some services are provided on a fee basis, depending upon their nature and extent. Extensive services are provided to medical and paramedical groups only.

Department of Biology

0611 Drake University
25th St. and University Ave.
Des Moines, Iowa 50311
Tel: (515) 271-3191

AREAS OF INTEREST: Biology, including botany, zoology, physiology, and microbiology.

HOLDINGS: 10,000 books; 234 periodical titles; reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Commercial organizations are charged a fee for services.

DREXEL UNIVERSITY

Biomedical Engineering and Science Department

0612 Drexel University
Philadelphia, Pa. 19104
Tel: (215) 387-2400 Ext. 593

AREAS OF INTEREST: Biomedical engineering; biological and physiological systems; biophysics; biomathematics.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Research reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Services are provided free to researchers.

Department of Biological Sciences

0613 Drexel University

Philadelphia, Pa. 19104
Tel: (215) 387-2400 Ext. 760

AREAS OF INTEREST: Biological sciences, including reproductive physiology and steroid biochemistry, plant physiology, and nucleic acid biochemistry.

HOLDINGS: Reprints.

PUBLICATIONS: Journal articles in the scientific literature.

INFORMATION SERVICES: Answers inquiries; provides consulting services on a fee basis.

DRIED FRUIT ASSOCIATION OF CALIFORNIA

0614 P.O. Box 270A
Santa Clara, Calif. 95052

Location:
303 Brokaw Rd.
Santa Clara, Calif.
Tel: (408) 241-9302

AREAS OF INTEREST: Production, processing, quality grading, and distribution of dried fruit and tree nuts.

HOLDINGS: Journals, reports, data.

PUBLICATIONS: Technical reports, standards and specifications.

INFORMATION SERVICES: Answers inquiries; provides consulting services to producers, packers, and distributors of food products.

DUKE UNIVERSITY

Animal Behavior Station

0615 Duke University
Durham, N.C. 27706
Tel: (919) 489-9449

The Animal Behavior Station is sponsored, in part, by the National Science Foundation and the National Institutes of Health.

AREAS OF INTEREST: Animal behavior, especially the interaction of learning and instinct.

HOLDINGS: Motion pictures, data on magnetic tapes.

INFORMATION SERVICES: Answers inquiries; provides research facilities to qualified investigators for studies of captive and free ranging animals in natural habitat.

Facilities include 85 wooded acres with observation chambers, barns, aviaries, pens, and water fowl ponds.

Biology-Forestry Library

0616 Duke University
Durham, N.C. 27706
Tel: (919) 684-2381

AREAS OF INTEREST: Botany; bacteriology; ecology; eugenics; cytology; mycology; zoology; embryology; ornithology; genetics; entomology; physiology; forestry; meteorology.

HOLDINGS: About 105,000 volumes, including over 900 periodical titles.

PUBLICATIONS: Accessions list (monthly).

INFORMATION SERVICES: Makes interlibrary loans; permits onsite reference.

Center for the Study of Aging and Human Development

0617 Duke University Medical Center
P.O. Box 3003
Durham, N.C. 27706
Tel: (919) 684-2248

AREAS OF INTEREST: Aging and human development of entire life span from birth to death; processes and health problems of aging; relationship of physiological, psychological, and social factors to the aging process; effect of aging on the central nervous system; training of investigators for research into the problems of aging, with emphasis on research techniques in behavioral sciences and psychophysiology of aging; specialized training in gero-psychiatry.

HOLDINGS: Literature and data collection.

PUBLICATIONS: *Proceedings of the Duke University Council on Aging and Human Development* (biennial); descriptive booklet, brochure.

INFORMATION SERVICES: Answers inquiries; provides consulting services; provides informational counseling service to older persons; makes referrals; distributes reprints of articles; permits onsite use of collection.

Clinical Research Center

0618 Duke University Medical Center
Durham, N.C. 27706
Tel: (919) 684-3806

AREAS OF INTEREST: Clinical research; inborn errors of metabolism; endocrinology; vascular surgery; neurosurgery; gastroenterology; immunology; clinical pharmacology; ophthalmology; pediatrics.

HOLDINGS: Small collection of books and periodicals. The Center also uses the collections of the Medical Center Library.

PUBLICATIONS: Research papers.

INFORMATION SERVICES: Answers inquiries; makes referrals. Services are provided to medical personnel only.

Department of Physiology and Pharmacology

0619 Duke University Medical Center
Durham, N.C. 27706
Tel: (919) 684-3049

AREAS OF INTEREST: Physiology and pharmacology, with special emphasis on the functions of membranes (excitation, conduction, secretion), the nervous system, and developmental biology.

HOLDINGS: Small collection of reports.

PUBLICATIONS: Reports, critical reviews.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Extensive services are provided only to scientists.

Department of Radiology

0620 Duke University Medical Center
Durham, N.C. 27706
Tel: (919) 684-8111 Ext. 4019

AREAS OF INTEREST: Radiology, including diagnostic radiology, radiation therapy, nuclear medicine (radioisotopes), radiation physics, and radiobiology; radioactive chemicals; contrast agents; radiation protection.

HOLDINGS: Small collection of books and periodicals.

INFORMATION SERVICES: Answers brief inquiries free; provides consulting services free or for fee, depending on time and effort required.

Marine Laboratory Library

0621 Duke University
Beaufort, N.C. 28516
Tel: (919) 728-2111

AREAS OF INTEREST: Biological, physical, chemical, and geological oceanography; marine ecology; marine zoology; marine parasitology; physiological ecology; invertebrate development; marine botany.

HOLDINGS: 3,500 books; 130 journals and reports; 11,768 reprints; maps, charts.

PUBLICATIONS: Monographs (reprints exchanged).

INFORMATION SERVICES: Makes interlibrary loans; permits onsite reference by the staff, students, and researchers. Researchers interested in carrying out studies at the Laboratory at any time of the year are requested to make advance arrangements through the Director.

Medical Center Library

0622 Duke University
Durham, N.C. 27706
Tel: (919) 684-3505

AREAS OF INTEREST: Basic and clinical medical sciences; history of medicine.

HOLDINGS: 110,000 volumes, including 3,300 serial titles; the Josiah C. Trent collection in the history of medicine.

PUBLICATIONS: *Library Telecommunications Directory*, *The Trent Collection Report*, and a newsletter (all irregular).

INFORMATION SERVICES: Answers inquiries from the scientific community; provides reference services; makes interlibrary loans; permits onsite use of collection.

DUNLAP AND ASSOCIATES, INC.

0623 1 Parkland Dr.
Darien, Conn. 06820
Tel: (203) 655-3971

AREAS OF INTEREST: *Problem Areas*: Alcohol and highway safety, drug abuse, health care systems, emergency medical care, law enforcement, noise and water pollution, product safety, vocational and technical training, military and industrial systems, and management information systems. *Technical Specialties*: Planning, human engineering design, evaluation, organization, and manning, training, curriculum development, market research, laboratory and field experimentation, large scale surveys, and studies of human performance.

HOLDINGS: 3,000 books; 100 periodicals; 10,000 technical reports; instructional materials.

PUBLICATIONS: Reports, monographs.

INFORMATION SERVICES: Provides reference services to and permits onsite use of collection by nonemployees as time, policy, and security measures permit; makes interlibrary loans.

E. I. DU PONT DE NEMOURS AND CO., INC.

Haskell Laboratory for Toxicology and Industrial Medicine

0624 E. I. du Pont de Nemours and Co., Inc.
Elkton Rd.
Newark, Del. 19711
Tel: (302) 366-3361

AREAS OF INTEREST: Toxicology, biochemistry, pathology, physiology, and physics as they relate to industrial hygiene and medicine; labeling of hazardous substances.

HOLDINGS: 5,500 books and bound periodicals; 170 periodicals currently received; files containing information obtained from investigations conducted at the Laboratory and outside sources.

INFORMATION SERVICES: Exchanges information with industrial, governmental, and university scientific research organizations having common interests; makes interlibrary loans according to code. Information is usually supplied to the Company's customers through the manufacturing departments.

EARLHAM COLLEGE LIBRARIES AND MUSEUM

Lilly Library, Science Library, and Joseph Moore Museum

0625 Earlham College
Richmond, Ind. 47374
Tel: (317) 962-6561 Ext. 226

AREAS OF INTEREST: Chemistry; physics; botany; zoology; natural sciences; social sciences; philosophy; psychology; religion; history; languages; fine arts; geology and biology of Wayne County, Indiana and eastern Indiana, and non-Western areas of Japan and Southeast Asia; Quakerism.

HOLDINGS: 160,000 books and periodicals; 980 current periodical subscriptions; 24,000 reprints on animal behavior and ecology; 1,000 bibliographies; 8,000 U.S. Government publications; 13 newspaper subscriptions; 40 abstract journals; 50 reviews; 2,000 maps and charts; 5,300 reels of microfilm; 5,500 microcards; 5,000 slides; 63,000 museum and herbarium specimens, including rocks, minerals, birds, and mammals.

INFORMATION SERVICES: Answers brief inquiries; makes referrals; provides bibliographic and literature-searching services; permits onsite reference.

EAST CAROLINA UNIVERSITY

Marine Resources and Environmental Studies Committee

0626 Department of Biology
East Carolina University
Greenville, N.C. 27834
Tel: (919) 758-3426

AREAS OF INTEREST: Productivity and dynamics of North Carolina estuaries and coastal waters.

HOLDINGS: 5,000 books; 50 periodical titles; 1,000 reports.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting and reference services free; provides translation, duplication, and inter-library loan services on fee basis.

Marine Science Center

0627 East Carolina University
P.O. Box 2577
Greenville, N.C. 27834
Tel: (919) 758-6718

Field Station:

State Road 1128
P.O. Box 758
Manteo, N.C. 27954
Tel: (919) 473-3640

AREAS OF INTEREST: Geology; biology; fisheries.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals.

EAST TENNESSEE STATE UNIVERSITY

Department of Biology

0628 East Tennessee State University
Johnson City, Tenn. 37601
Tel: (615) 926-1112 Ext. 329

AREAS OF INTEREST: Parasitology; physiology; ecology; entomology; botany; zoology.

HOLDINGS: 10,000 books; 100 periodical titles.

PUBLICATIONS: Books, reports.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; lends materials; permits onsite use of collection. Most services are provided free, but fees may be charged to industry for some services.

EASTERN BIRD BANDING ASSOCIATION

0629 c/o Frederick S. Schaeffer, Editor
84-55 Daniels St., Apt. 1K
Jamaica, N.Y. 11435
Tel: (212) 657-5673

AREAS OF INTEREST: Bird banding for the U.S. Fish and Wildlife Service; ornithology.

HOLDINGS: Journals.

PUBLICATIONS: *EBBA News* (6 issues a year).

INFORMATION SERVICES: Answers inquiries; provides consulting services to ornithologists engaged in any form of bird marking or banding.

EASTERN PARALYZED VETERANS ASSOCIATION

0630 432 Park Ave. South
New York, N.Y. 10016
Tel: (212) 686-6770

AREAS OF INTEREST: Service to spinal cord injured veterans in all areas of day-to-day living.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Reports, bibliographies, directories, specifications.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, literature-searching, and duplication services; makes referrals; permits onsite use of collection. Materials are provided to non-members at cost.

EASTERN WASHINGTON STATE COLLEGE

Department of Biology

0631 Eastern Washington State College
Cheney, Wash. 99004
Tel: (509) 359-2339

AREAS OF INTEREST: Biology; botany; zoology; anatomy and physiology; embryology; field botany; plant

taxonomy; ornithology; bacteriology; genetics; entomology; vertebrate physiology; plant physiology; general ecology; invertebrate zoology; biology methods for the secondary school; limnology; mycology and plant pathology; medical bacteriology; microbiology of foods; animal histology; mammalogy; parasitology; plant anatomy; microtechnique; biological illustration; cellular physiology; plant ecology.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services. A fee may be charged to commercial users.

ECOLOGICAL INFORMATION AND ANALYSIS CENTER

see Battelle Memorial Institute

ECONOMICS LABORATORY, INC.

Information Center

0632 Economics Laboratory, Inc.
Osborn Bldg.
St. Paul, Minn. 55102

Location:

840 Sibley Memorial Highway
St. Paul, Minn.
Tel: (612) 224-4678

AREAS OF INTEREST: Surfactants and detergents; cleaning procedures; sanitation; food processing; microbiology; enzymology; water pollution; metal corrosion; analytical chemistry.

HOLDINGS: 5,000 books; 425 journals; patents, data; *Chemical Abstracts* from 1926 to present.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides limited reference and literature-searching services; permits onsite use of collection; makes interlibrary loans.

ELAN MEMORIAL PARK CORP.

0633 203 East Front St.
Berwick, Pa. 18603
Tel: (717) 752-3261

Location of Memorial Park:

Old Route 11
Columbia County, Pa.

Tel: (717) 784-5929

Elan Memorial Park Corp. operates Memorial Park, a cemetery with a botanical garden and arboretum.

AREAS OF INTEREST: Ornamental plants and trees.

HOLDINGS: 2,000 varieties of trees and plants, including 590 varieties of lilacs; current catalogs and pertinent encyclopedias.

INFORMATION SERVICES: Answers inquiries; identifies plants; provides assistance in locating hard-to-find plants; provides consulting, literature-searching, and duplication services. Memorial Park is open to the public.

Facilities include a greenhouse with over 300 species of nonhardy plants.

EMORY UNIVERSITY

Division of Basic Health Sciences

0634 Emory University
Atlanta, Ga. 30322
Tel: (404) 377-2411 Ext. 7801

AREAS OF INTEREST: Anatomy; biochemistry; microbiology; pharmacology; physiology.

INFORMATION SERVICES: Individual staff members provide consulting services on a fee basis.

Department of Microbiology

0635 Division of Basic Health Sciences
Emory University
501 Woodruff Bldg.
Atlanta, Ga. 30322
Tel: (404) 377-2411 Ext. 7837

AREAS OF INTEREST: Microbiology, including medical microbiology, immunology, immunochemistry, microbial genetics, animal virology, and bacteriophage; molecular biology; electron microscopy.

HOLDINGS: Small departmental library.

PUBLICATIONS: Articles by staff members in appropriate journals.

INFORMATION SERVICES: Answers inquiries.

Science Library

0636 Emory University
Atlanta, Ga. 30322
Tel: (404) 377-2411 Ext. 7686

AREAS OF INTEREST: Physics; organic and physical chemistry; geology; mathematics; biology; cytology; genetics; psychology.

HOLDINGS: Books, journals.

INFORMATION SERVICES: Makes interlibrary loans.

Yerkes Regional Primate Research Center Library

0637 Emory University
Atlanta, Ga. 30322
Tel: (404) 377-2411 Ext. 7977

AREAS OF INTEREST: Primate anatomy, physiology, and behavior.

HOLDINGS: 2,500 books; 60 periodical subscriptions; reprints, publication lists.

INFORMATION SERVICES: Provides limited reference services; disseminates reprints of articles by Center personnel; permits onsite use of collection by qualified researchers by arrangement.

ENGINEER AGENCY FOR RESOURCES INVENTORIES

see Army, Department of the. Office of the Chief of Engineers

ENSANIAN PHYSICOCHEMICAL INSTITUTE

0638 P.O. Box 98
Eldred, Pa. 16731
Tel: (814) 225-3296

AREAS OF INTEREST: Gravitation and its relation to chemistry, physics, biology, and engineering; utilization of weightlessness and gravitational variations for unique chemical synthesis and manufacturing; cosmology and organic evolution (the origin of life); extraterrestrial civilizations; biophysics; health sciences (artificial heart research, pollution control, drug action); structure of water; materials science (energy dissipation mechanisms in solids, development of new materials); physical chemistry (electrochemistry, interfacial phenomena, reaction kinetics, spectroscopy, ultrasonics, photochemistry, nonequilibrium thermodynamics); energy conversion (batteries, control devices); fluid dynamics; scientific instruments for industry and education (characterization of surface chemistry and welds, vapor detection, gravity research, product assurance and quality control, energy conversion).

HOLDINGS: 615 books; 36 periodical titles; 3,200 reports.

PUBLICATIONS: *Journal of the Ensanian Physicochemical Institute* (quarterly); *Annual Summary of Progress in Gravitation Sciences*; *Introduction to Gravitation Chemistry*; technical news bulletins, seminar proceedings.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides reference and consulting services; makes interlibrary loans; permits onsite use of collection; conducts conferences and workshops in gravitation chemistry. The Institute operates the Information Center for Gravitation Chemistry, which collects, catalogs, and distributes information on the inherent nature of the gravitational interaction, the detection of gravity waves, the role of gravity in organic evolution, chemical synthesis (generation of thunderstorm electricity), the practical utilization of weightlessness and gravitational variations (gravitational shock phenomena), and the history of anti-gravitation concepts.

ENTOMOLOGICAL SOCIETY OF AMERICA

0639 4603 Calvert Rd.
College Park, Md. 20740
Tel: (301) 864-1334

AREAS OF INTEREST: Entomology, including systematics, morphology, and evolution; physiology, biochemistry, and toxicology; ecology, behavior, and bionomics; medical and veterinary entomology; extension and regulatory entomology; crop protection entomology.

PUBLICATIONS: *Annals of the Entomological Society of America* (bimonthly); *Journal of Economic Entomology* (bimonthly); *Bulletin of the Entomological Society of America* (quarterly); *Miscellaneous Publications of the Entomological Society of America* (irregular).

INFORMATION SERVICES: Answers inquiries; makes referrals.

ENVIRONMENTAL DATA SERVICE

see Commerce, Department of. National Oceanic and Atmospheric Administration

ENVIRONMENTAL MUTAGEN INFORMATION CENTER

see Oak Ridge National Laboratory

0640

ENVIRONMENTAL PROTECTION AGENCY

Environmental Protection Agency Library

0640 5555 Ridge Ave.
Cincinnati, Ohio 45213
Tel: (513) 684-4303

AREAS OF INTEREST: Solid wastes, water hygiene, water pollution and its control, air pollution, radiological health, and training pertinent to these areas.

HOLDINGS: 106,800 items, including 15,000 bound volumes of journals, 600 current journal subscriptions, depository collection of AEC reports, and a pamphlet collection.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides reference services; makes inter-library loans; permits onsite use of collection.

Office of Air Programs

Air Pollution Technical Information Center (APTIC)

0641 P.O. Box 12055
Research Triangle Park, N.C. 27709

Location:

Technical Center, Room A222
N.C. 54 and Alexander Dr.
Research Triangle Park, N.C.
Tel: (919) 549-8411 Ext. 2141

AREAS OF INTEREST: Air pollution technical literature from throughout the world; basic data on chemical, physical, and biological effects of varying air quality and other information pertaining to air pollution and its prevention and control.

HOLDINGS: More than 27,000 technical articles and reports culled from 1,100 domestic and foreign serial publications, patents, Government reports, preprints, technical society papers, proceedings, etc. APTIC also has a technical reference library with several hundred technical journals and other reference material.

PUBLICATIONS: *Air Pollution Abstracts* (monthly); *Beryllium and Air Pollution: An Annotated Bibliography* (1971); *Asbestos and Air Pollution: An An-*

ENVIRONMENTAL PROTECTION AGENCY

notated Bibliography (1971); *Hydrocarbons and Air Pollution: An Annotated Bibliography* (1970); *Nitrogen Oxides: An Annotated Bibliography* (1970); *Air Pollution Translations: A Bibliography with Abstracts* (Vol. 1, 1969; Vol. 2, 1970); *Carbon Monoxide, A Bibliography with Abstracts* (1966). A current list of technical publications is available.

INFORMATION SERVICES: Provides individual literature searches resulting in a printout of abstracts; distributes *Air Pollution Abstracts* monthly; responds to inquiries concerning the secondary distribution of federally-produced air pollution-related documents; makes interlibrary loans of translated documents not available elsewhere. Currently these services are provided free to individuals and organizations.

Office of Pesticides Programs

Division of Pesticide Community Studies

PUBLICATIONS AND INFORMATION SECTION

0642 Division of Pesticide Community Studies
Office of Pesticides Programs
Environmental Protection Agency
4770 Buford Highway
Chamblee, Ga. 30341
Tel: (404) 633-3311 Ext. 5201

AREAS OF INTEREST: Effect of pesticides on human health.

HOLDINGS: Approximately 25,000 index cards to the pesticide literature, with hard copy for about one-half of the literature; small selected collection of journals and books.

PUBLICATIONS: *Health Aspects of Pesticides Abstract Bulletin*; *Pesticides Monitoring Journal*.

INFORMATION SERVICES: Answers inquiries; provides reference and literature-searching services; permits onsite use of collection.

Pesticides Regulation Division

0643 Office of Pesticides Programs
Environmental Protection Agency
Washington, D.C. 20250
Tel: (202) 388-4267

AREAS OF INTEREST: Enforcement of the Federal Insecticide, Fungicide and Rodenticide Act, which requires the registration and proper labeling of pesticides prior to interstate shipment and provides for

post marketing surveillance of products to determine compliance with the Act.

INFORMATION SERVICES: Answers letters of inquiry about the status of pesticide uses under the provisions of the Act.

Office of Radiation Programs

0644 Environmental Protection Agency
5600 Fishers Lane
Rockville, Md. 20852
Tel: (301) 443-4801

AREAS OF INTEREST: Radiological health; health hazards associated with exposure to ionizing radiation; radioactivity; measurement of environmental radiation levels; public health aspects of nuclear energy; nuclear power plants; radiation protection; radioactive waste disposal; radioactive materials; transportation of radioactive materials; programs in radiobiological effects; environmental surveillance and control; standards and intelligence; assistance to States in compliance and control; training and manpower development in the radiological health field; research grants.

PUBLICATIONS: The Office of Radiation Programs publishes its findings in *Radiation Health Data and Reports* (a monthly publication), appropriate scientific journals, and technical report series for Office of Radiation Programs' divisions and laboratories.

INFORMATION SERVICES: Answers inquiries; provides information to State health offices, Federal and State agencies, scientific organizations, and industries; makes referrals to other sources of information.

Office of Research and Monitoring

National Environmental Research Center (Corvallis)

0645 Environmental Protection Agency
200 Southwest 35th St.
Corvallis, Oreg. 97330
Tel: (503) 752-4281

AREAS OF INTEREST: Water pollution control research activities, national and regional in scope. The national research and development programs relate to eutrophication, coastal pollution, thermal pollution, and to industrial waste treatment in the areas of food, paper and allied products, and forestry and logging. Regional programs involve application of available knowledge to the remedy of regional water pollution problems.

HOLDINGS: A collection of books, Government reports, and periodicals specializing in water resources and pollution control information.

PUBLICATIONS: Quarterly progress report; specialized project reports.

INFORMATION SERVICES: Makes interlibrary loans; permits onsite use of collection. Training courses are available to technical and administrative personnel to communicate the latest information in general and specialized areas of water pollution control technology.

GULF BREEZE LABORATORY

0646 Environmental Protection Agency
Sabine Island
Gulf Breeze, Fla. 32561
Tel: (904) 932-5326

AREAS OF INTEREST: Chemical analysis of pesticide residues in estuarine animals and effects of pesticides on estuarine animals and their environment; estuarine- and radio-ecology; biology of estuarine fishes and mollusks; estuarine fauna of the Pensacola, Fla., area.

HOLDINGS: Data collection on toxicity of approximately 150 basic pesticide chemicals for estuarine animals, chiefly fish, shrimp, oysters, and, in some cases, blue crabs; reference collection of estuarine fauna of the Pensacola, Fla., area; reports of former U.S. Bureau of Commercial Fisheries and U.S. Fish and Wildlife Service; books, periodicals.

PUBLICATIONS: Reports and papers in scientific journals.

INFORMATION SERVICES: Answers inquiries; provides analyses of pesticide residue on marine fauna and bioassay of new agricultural chemicals; lends materials; permits onsite reference; makes referrals to other sources of information. Unpublished pesticide toxicity data is available to research workers and others with legitimate need.

NATIONAL MARINE WATER QUALITY LABORATORY

0647 Environmental Protection Agency
P.O. Box 277
West Kingston, R.I. 02892

Location:

Liberty Lane at Fairgrounds Rd.
West Kingston, R.I.
Tel: (401) 789-9751

AREAS OF INTEREST: Development of limits of contamination (water quality criteria) for marine and

and aquatic life, with current emphasis on determining the chronic toxicity of pollutants to marine and estuarine aquatic organisms, the principal objective being the development of scientifically sound, legally defensible criteria from which meaningful water quality standards can be established.

HOLDINGS: Small collection of reference texts; Dr. Paul S. Galtsoff's reprint collection on oysters especially related to legislation.

PUBLICATIONS: Reprints of printed papers (distributed free to researchers).

INFORMATION SERVICES: Answers some inquiries on water quality criteria.

NATIONAL WATER QUALITY LABORATORY

0648 Environmental Protection Agency
6201 Congdon Blvd.
Duluth, Minn. 55804
Tel: (218) 727-6692 Ext. 548, 549, or 550

AREAS OF INTEREST: Development of limits of contamination (water quality criteria) for all freshwater uses, including municipal, industrial, agricultural, recreational, and aquatic life, with current emphasis on aquatic life and chronic toxicity testing of fishes and invertebrates, the principal objective being the development of scientifically sound, legally defensible criteria from which meaningful water quality standards can be established.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Quarterly and annual reports, technical articles in recognized journals.

INFORMATION SERVICES: Answers inquiries; provides consulting services to public agencies.

National Environmental Research Center (Research Triangle Park)

PERRINE PRIMATE LABORATORY

Wenatchee Research Section

0649 Perrine Primate Laboratory
Environmental Protection Agency
P.O. Box 73
Wenatchee, Wash. 98801
Tel: (509) 663-8511 Ext. 331 or 332

AREAS OF INTEREST: Pesticides and their effects on humans; protection from exposure to pesticides; air sampling; analytical methods.

icals.

PUBLICATIONS: Reprints of technical publications.

INFORMATION SERVICES: Answers inquiries.

RADIOTOXICOLOGY INFORMATION CENTER

0650 Eastern Environmental Radiation Laboratory
Environmental Protection Agency
P.O. Box 61
Montgomery, Ala. 36101
Tel: (205) 272-3402

AREAS OF INTEREST: Radiotoxicology of various common isotopes.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Abstracts.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and literature-searching services.

Office of Water Programs

Division of Technical Support

0651 Office of Water Programs
Environmental Protection Agency
Washington, D.C. 20242
Tel: (703) 557-1601

AREAS OF INTEREST: Pollution from municipal, industrial, and agricultural sources; fishkills; sources of mineral pollutants; mathematical models of river basins and estuaries; stream flow regulation; methods and costs of waste water treatment related to quality management in receiving waters; water quality data and waste sources inventories.

HOLDINGS: Report files on technical studies of reservoirs, streams, and estuaries undertaken by the Division; water quality data and waste sources inventories.

PUBLICATIONS: Technical reports.

INFORMATION SERVICES: Answers inquiries relating to Division programs; makes referrals; provides technical assistance, including field and laboratory studies, to industries, municipalities, and State, interstate, and Federal agencies; provides water quality and waste source data; provides speakers in the Division's areas of interest.

TECHNICAL ADVISORY AND INVESTIGATIONS BRANCH

0652 Division of Technical Support
Office of Water Programs
Environmental Protection Agency
5555 Ridge Ave.
Cincinnati, Ohio 45213
Tel: (513) 871-1820

AREAS OF INTEREST: Water pollution, including effects on water quality; aquatic biology; sewage; sewage treatment; industrial wastes; waste treatment; radiological pollution.

HOLDINGS: Reference collection of books, periodicals, and reports. The basic library is combined with the Library of the Robert A. Taft Sanitary Engineering Center.

PUBLICATIONS: Bibliographies, books, reports.

INFORMATION SERVICES: Answers brief inquiries; provides consulting services; conducts field investigations of water quality problems. Extensive services are provided only to Federal, State, and local agencies.

TECHNICAL DATA AND INFORMATION BRANCH

0653 Division of Technical Support
Office of Water Programs
Environmental Protection Agency
Washington, D.C. 20242

Location:

1921 Jefferson Davis Highway
Arlington, Va.
Tel: (703) 557-7632

AREAS OF INTEREST: Chemical, physical, biological, and radiological characteristics of water, including organic chemical content (pesticides, detergents, etc.), coliform organisms, plankton, and benthos populations; intra- and inter-laboratory analytical quality control; continuous electronic monitoring and telemetry of water quality data; sources and effects of pollutants on streams, lakes, and coastal waters; municipal and industrial waste treatment and control facilities; pollution-caused fishkill statistics; water supply facilities; sewerage and waterworks construction and financing; computer storage, retrieval, and evaluation of water quality data; related water pollution control information.

PUBLICATIONS: *Compilation of Water Quality Data* (annual 1957-63, irregular thereafter); *Sewage Col-*

lection and Treatment Works Construction (annual); *Pollution-Caused Fish Kills* (annual); *Inventory of Municipal Waste Facilities* (every 5 years).

INFORMATION SERVICES: Performs extensive statistical operations on water quality data, using electronic storage and retrieval system (service is available to Government agencies only); provides specialized chemical analyses for Federal Government agencies on fee and facilities-available basis; conducts analytical quality control programs; conducts seminars and refresher courses on laboratory techniques, instrumentation, and data storage and retrieval.

Gulf Coast Water Supply Laboratory

0654 Environmental Protection Agency
P.O. Box 158
Dauphin Island, Ala. 36528
Tel: (205) 861-2962

AREAS OF INTEREST: Research to provide information for development of criteria and standards relating to public health aspects of man's use of water for drinking, recreation, and food (shellfish) production; bacteria, viruses, pesticides, trace metals, and other chemical pollutants in raw and finished drinking waters, recreational waters, and the estuarine environment; biological methods research (detection of pathogens in water and isolation of viruses from water); chemical methods research (identification of organic mercury compounds and cholinesterase inhibiting substances in water); survival of viruses in the water environment.

HOLDINGS: Technical reports, manuals, abstracts, bibliographies.

PUBLICATIONS: Technical reports.

INFORMATION SERVICES: Answers inquiries from State organizations and industry submitted through Environmental Protection Agency headquarters in Washington, D.C., or through the EPA regional offices in: Boston, Mass.; New York, N.Y.; Philadelphia, Pa.; Atlanta, Ga.; Chicago, Ill.; Kansas City, Mo.; Dallas, Tex.; Denver, Colo.; San Francisco, Calif.; and Seattle, Wash. Analytical and other technical services are provided to State organizations making requests through the above channels. The literature collection is accessible for onsite use.

Northeast Water Supply Laboratory

0655 Environmental Protection Agency
Narragansett, R.I. 02882
Tel: (401) 789-9361

AREAS OF INTEREST: Public health problems associated with the utilization of estuaries as a resource for food, with emphasis on shellfish, in the area from Maine through North Carolina; chemical, biological, and physical oceanography as related to the effects of terrestrial discharges on food products; fate and survival of pathogenic and toxic materials; marine biotoxicology; metabolic pathways of marine toxins in shellfish and other foods.

HOLDINGS: Technical reports, manuals, abstracts, bibliographies.

PUBLICATIONS: Technical reports.

INFORMATION SERVICES: Answers inquiries from State organizations and industry submitted through Environmental Protection Agency headquarters in Washington, D.C., or through the EPA regional offices in: Boston, Mass.; New York, N.Y.; Philadelphia, Pa.; Atlanta, Ga.; Chicago, Ill.; Kansas City, Mo.; Dallas, Tex.; Denver, Colo.; San Francisco, Calif.; and Seattle, Wash. Analytical and other technical services are provided to State organizations making requests through the above channels. The literature collection is accessible for onsite use.

Ohio Basin Regional Office

OFFICE OF INFORMATION

0656 Ohio Basin Region
Office of Water Programs
Environmental Protection Agency
4676 Columbia Parkway
Cincinnati, Ohio 45226
Tel: (513) 871-1820

AREAS OF INTEREST: Water pollution control, with emphasis on municipal wastes; biology; microbiology; aquatic biology; pollutant analysis; chemical and physical advanced waste treatment.

HOLDINGS: Small collection of books.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; distributes brochures and technical literature (a list of available literature is provided on request).

Pacific Northwest Water Supply Laboratory

0657 Environmental Protection Agency
Route 4, Box 4129
Gig Harbor, Wash. 98335
Tel: (206) 857-2146

AREAS OF INTEREST: Public health problems associated with the utilization of estuaries as a resource for food, with emphasis on shellfish, in the Pacific Northwest area; chemical, biological, and physical oceanography as related to the effects of terrestrial discharges on food products; fate and survival of pathogenic and toxic materials; marine biotoxicology; metabolic pathways of marine toxins in shellfish and other foods.

HOLDINGS: Technical reports, manuals, abstracts, bibliographies.

PUBLICATIONS: Technical reports.

INFORMATION SERVICES: Answers inquiries from State organizations and industry submitted through Environmental Protection Agency headquarters in Washington, D.C., or through the EPA regional office in San Francisco, Calif. Analytical and other technical services are provided to State organizations making requests through the above channels. The literature collection is accessible for onsite use.

EVAPORATED MILK ASSOCIATION

0658 910 17th St. NW.
Washington, D.C. 20006
Tel: (202) 223-6820

AREAS OF INTEREST: Production technology of evaporated milk; human nutrition and evaporated milk.

HOLDINGS: Films, photos, project records, periodical titles.

PUBLICATIONS: *Information Bulletin* (monthly); *Statistical Bulletin* (quarterly).

INFORMATION SERVICES: Answers brief inquiries; makes referrals.

EXCERPTA MEDICA FOUNDATION

0659 Nassau Bldg.
228 Alexander St.
Princeton, N.J. 08540
Tel: (609) 921-6995

An international medical communications network, the Excerpta Medica Foundation screens, classifies, evaluates, abstracts, translates, and indexes significant research and clinical findings reported in any language, anywhere in the world.

AREAS OF INTEREST: Anatomy, anthropology, embryology, and histology; anesthesiology; arthritis and rheumatism; microbiology; bacteriology; virology; mycology and parasitology; biochemistry;

biophysics; bioengineering and medical instrumentation; cancer; cardiovascular diseases and cardiovascular surgery; chest diseases, thoracic surgery, and tuberculosis; criminologica; dermatology and venereology; developmental biology and teratology; endocrinology; epilepsy; gastroenterology; gerontology and geriatrics; health economics; hematology; human genetics; immunology, serology, and transplantation; internal medicine; neurology and neurosurgery; nuclear medicine; obstetrics and gynecology; occupational health and industrial medicine; ophthalmology; orthopedic surgery; otorhinolaryngology; general pathology and pathological anatomy; pediatrics; pharmacology and toxicology; physiology; psychiatry; public health, social medicine, and hygiene; radiology; rehabilitation and physical medicine; general surgery; urology and nephrology.

HOLDINGS: 3,400 periodical titles; 20 million pages of biomedical literature on microfiche; 250,000 articles in machine-retrievable form; books.

PUBLICATIONS: *Excerpta Medica* (monthly series of 39 abstract journals in English); *International Congress Series* (proceedings and abstracts of papers presented at medical conferences); *Drug Literature Index* (monthly comprehensive multi-indexed bibliography containing all drug-related references culled from approximately 250,000 articles a year); *Adverse Reactions Titles* (monthly); *Excerpta Medica Monographs*.

INFORMATION SERVICES: A number of services are provided, all at cost. These include: *DrugDoc*, which provides searches for the relationship of drugs with other drugs or with any biomedical phenomena; *Drug Monitor*, an alerting service designed to retrieve all articles on a specific drug or compound, with output in the form of file-size computer-produced cards containing complete citation and index terms; and other computer-based retrospective searching and SDI services. In the United States, magnetic tape and data bank services of *Excerpta Medica* are provided by the 3i Company, Information Interscience, Inc., 2101 Walnut St., Philadelphia, Pa. 19103. In addition, through its Audiovisual Division, *Excerpta Medica* organizes and manages medical symposia, with results disseminated as published proceedings, recordings and tape cassettes, films, and closed-circuit television.

EXECUTIVE OFFICE OF THE PRESIDENT

National Council on Marine Resources and Engineering Development

0660 Executive Office of the President
Federal Office Bldg. No. 7, Room 6013
726 Jackson Pl. NW.
Washington, D.C. 20500
Tel: (202) 395-3104

AREAS OF INTEREST: Planning and management in marine science and technology by promoting cooperation among Federal agencies; advising the President regarding programs affecting more than one agency; increasing understanding of the marine environment; encouragement of private investment enterprise; advancement of marine science education and training, improved technology, effective utilization of marine scientific and engineering resources, and international cooperation with other nations in marine science activities.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; makes referrals.

Committee on Marine Research, Education, and Facilities

0661 Building 159E, Room 476
Washington Navy Yard
Washington, D.C. 20390
Tel: (202) 693-3464

AREAS OF INTEREST: Marine geology and biology; physical and chemical oceanography; ocean engineering; education and training.

PUBLICATIONS: *Scientific Manpower in Oceanography*, *Undersea Research Vehicles*, *University Curricula in the Marine Sciences*, and other documents in the Committee's series.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides reference and consulting services.

EXPLORERS CLUB

0662 46 East 70th St.
New York, N.Y. 10021
Tel: (212) 628-8383

0005
AREAS OF INTEREST: Exploration, with particular emphasis on scientific disciplines and related subjects, i.e., geography, natural history, ornithology, oceanography, ethnology, anthropology, the Arctic, astronomy, glaciology, paleontology, meteorology, entomology, zoology, archaeology, botany, ichthyology, medicine, and maps.

HOLDINGS: The James B. Ford Memorial Library, containing over 25,000 items, including some 18,000 books and pamphlets, 3,000 bound periodicals (of which over 140 are current), films, maps, several thousand manuscripts, and ephemera. The Library owns many rare and valuable items, the earliest printed title dating from 1476. Although all phases of exploration are covered, the Library is particularly strong in Arctic materials, including the personal libraries of H. B. Kane and Admiral Robert E. Peary. The early exploration of Africa is also well documented and includes 200 manuscript pages of letters written by Henry M. Stanley while searching for Dr. Livingstone.

PUBLICATIONS: *Explorers Journal* (quarterly); *Expeditions and Field Projects* (annual); *Explorers Club News* (5 times a year). The following are to be published: *History of The Explorers Club*; *Library Catalog of The Explorers Club*; *Explorers Cookbook*; and *Told At The Explorers Club* (revised edition).

INFORMATION SERVICES: Provides reference and consulting services; makes interlibrary loans; permits onsite use of collection by responsible researchers by appointment; provides international information service on field research projects.

EYE RESEARCH, INC.

0663 131 Fulton Ave.
Hempstead, Long Island, N.Y. 11550
Tel: (516) 583-6740

Eye Research, Inc. is a nonprofit organization supported by donations from individuals.

AREAS OF INTEREST: Ophthalmological surgery.

PUBLICATIONS: Motion pictures illustrating special eye problems and surgical techniques.

INFORMATION SERVICES: Lends motion pictures.

FAIRCHILD HILLER

Republic Aviation Division Engineering Library

0664 Fairchild Hiller

Conklin St.
Farmingdale, N.Y. 11735
Tel: (516) 531-3497

AREAS OF INTEREST: Aerospace sciences; aviation aspects of biological and medical sciences, chemistry, communications, detection and countermeasures, astronomy, electrical and electronic engineering, fuels, guided missiles, materials and metallurgy, mathematics and data processing, mechanical and structural engineering, military sciences, navigation, nuclear science and technology, ordnance, physics, and human factors and human engineering; library automation.

HOLDINGS: 20,000 books; 450 journal titles; 150,000 reports; NASA technical reports, microforms (400,000 microfiche), and NASA's mechanized information retrieval system.

INFORMATION SERVICES: Permits onsite reference by request; makes interlibrary loans of unclassified material.

FAIRCHILD TROPICAL GARDEN

0665 10901 Old Culter Rd.
Miami, Fla. 33156
Tel: (305) 667-1651

AREAS OF INTEREST: Tropical botany and horticulture.

HOLDINGS: 6,000 living and 11,000 dried plant specimens; 4,000 books and periodicals.

PUBLICATIONS: *Fairchild Tropical Garden Bulletin* (quarterly).

INFORMATION SERVICES: Answers inquiries; makes referrals; permits onsite use of literature collection. Exhibits are open daily to the public; an admission fee is charged.

FAIRLEIGH DICKINSON UNIVERSITY

Health Research Institute

0666 Fairleigh Dickinson University
285 Madison Ave.
Madison, N.J. 07940
Tel: (201) 377-4700 Ext. 255

AREAS OF INTEREST: Carcinogens (asbestos and other minerals); tumor viruses; chemotherapy of tumors in animals; cardiovascular disease, including effects of calcium on fat absorption in man and animals.

HOLDINGS: 500 books; 50 periodical titles; 500 reports.

FELS RESEARCH INSTITUTE FOR THE STUDY OF HUMAN
PUBLICATIONS: Reports.
INFORMATION SERVICES: Answers inquiries.

FALSTAFF BREWING CORP.

Quality Control Department Library

0667 Falstaff Brewing Corp.
1920 Shenandoah Ave.
St. Louis, Mo. 63104
Tel: (314) 652-4300

AREAS OF INTEREST: Brewing; malting; chemistry; microbiology; packaging.

HOLDINGS: 1,100 books; 100 journals.

INFORMATION SERVICES: Answers inquiries; provides bibliographic services; permits onsite reference.

FARLEY MANNING ASSOCIATES

Division of Science and Medicine

0668 Farley Manning Associates
342 Madison Ave.
New York, N.Y. 10017
Tel: (212) 697-7292

AREAS OF INTEREST: Medical and biological research; diabetes, with emphasis on detection and research; medical research in alcohol.

HOLDINGS: Small collection of films, abstracts, and pamphlets.

PUBLICATIONS: *Upjohn Research Abstracts* and *Upjohn Clinical Abstracts* (both issued 6 times a year).

INFORMATION SERVICES: Disseminates printed material and film for use in diabetes detection campaigns; provides material on alcohol and medicine free to professional workers and journalists; provides short lists of literature citations in response to specific inquiries.

FARM FILM FOUNDATION

0669 Southern Bldg., Suite 424
1425 H St. NW.
Washington, D.C. 20005
Tel: (202) 628-1321

AREAS OF INTEREST: American agribusiness and agriculture.

HOLDINGS: 3,000 motion picture films (16mm).

PUBLICATIONS: Film catalogs.

INFORMATION SERVICES: Provides consulting services to film sponsors; lends films free, except for return postage, to reputable organizations; makes referrals; prepares analyses.

FATS AND PROTEINS RESEARCH FOUNDATION, INC.

0670 3150 Des Plaines Ave., Room 210
Des Plaines, Ill. 60018
Tel: (312) 827-0139

AREAS OF INTEREST: Utilization of inedible animal fats and proteins.

HOLDINGS: Small collection of reports.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; provides copies of reports (a fee may be charged for duplication of detailed reports).

FEDERAL AVIATION ADMINISTRATION

see Transportation, Department of

FEDERAL COMMITTEE ON RESEARCH NATURAL AREAS

0671 Department of the Interior, Room 2745
18th and C Sts. NW.
Washington, D.C. 20240
Tel: (202) 343-8860

AREAS OF INTEREST: Natural areas on Federal Government-owned lands that have been designated by the administering agencies as research natural areas, classified according to the geological and ecological types represented in the areas.

PUBLICATIONS: *Research Natural Areas on Lands of the United States of America* (directory, 1968).

INFORMATION SERVICES: Answers inquiries (inquiries about specific areas are referred to the administering agency for reply). Services are available to anyone, but are primarily for universities, research organizations, and others who need to find natural areas of special character as sites for scientific study.

FELS RESEARCH INSTITUTE FOR THE STUDY OF HUMAN DEVELOPMENT

0672 Yellow Springs, Ohio 45387
Tel: (513) 767-7331

AREAS OF INTEREST: Human development, with particular emphasis on the child, including human biology, physical anthropology, biochemistry, nutrition, psycho-physiology, and psychology.

HOLDINGS: Extensive collection of computer-stored longitudinal data; small reference library of books and journals.

PUBLICATIONS: Technical papers (available free, when in supply).

INFORMATION SERVICES: Answers inquiries free.

Facilities include a computer center.

FERRIS STATE COLLEGE

School of Pharmacy

0673 Ferris State College
901 South State St.
Big Rapids, Mich. 49307
Tel: (616) 796-9971

AREAS OF INTEREST: All aspects of pharmacy, including pharmacology and pharmacognosy; poisonous plants; alkaloidal poisoning; hazards of radioactive chemicals; allergy to natural substances; overdosage of sedatives.

HOLDINGS: Collection of books, periodicals, and reports.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; makes referrals. Fees may be charged for consulting services involving travel expenses.

FERTILIZER INDUSTRY ROUND TABLE

0674 c/o Mr. Housden L. Marshall, Secretary-Treasurer
112 Dumbarton Rd.
Baltimore, Md. 21212
Tel: (301) 377-2572

AREAS OF INTEREST: Fertilizer production, technology, and research, including aspects of granulation, ammoniation, sampling, compatibility, physical properties, chemical properties and reactions, and machinery and instruments used in the industry; chemical analyses of fertilizers.

HOLDINGS: Small reference collection of journals, reviews, reprints, pamphlets, standards and specifications, graphs, maps and charts, slides, photos, data compilations, and unevaluated data.

PUBLICATIONS: Proceedings (annual; back issues available at cost).

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; prepares analyses. A fee may be charged for extensive services.

THE FERTILIZER INSTITUTE

0675 1015 18th St. NW.
Washington, D.C. 20036
Tel: (202) 466-2700

AREAS OF INTEREST: Soil fertility and plant nutrition; chemical control of fertilizers; fertilizer application; economics of fertilizer use; water use with fertilizers in agriculture; industry production and financial statistics.

HOLDINGS: Journals, films, slides.

PUBLICATIONS: *Fertilizer Progress* (bimonthly).

INFORMATION SERVICES: Answers technical inquiries; makes referrals to other specialists or organizations. Information is provided for use in the United States only. Inquiries should be directed to the Director, Communications.

FIELD MUSEUM OF NATURAL HISTORY

0676 Roosevelt Rd. and Lake Shore Dr.
Chicago, Ill. 60605
Tel: (312) 922-9410

AREAS OF INTEREST: Ethnology; archeology; physical anthropology; botany; mineralogy; petrology; meteorites; paleontology; mammalogy; ornithology; herpetology; ichthyology; entomology; malacology; anatomy; evolutionary biology; ecology.

HOLDINGS: Over 10 million specimens; 135,000 photographic negatives; a scientific library of over 165,000 volumes.

PUBLICATIONS: Four major technical serials: *Fieldiana Anthropology*, *Fieldiana Botany*, *Fieldiana Geology*, and *Fieldiana Zoology*; monographs, bibliographies, monthly popular natural history magazine, pamphlets, press releases. Publication price lists are available.

INFORMATION SERVICES: Answers factual questions from the public; permits onsite use of literature collection by qualified researchers; makes interlibrary loans of published material. Extensive scientific col-

researchers by arrangement with the chief curator of the department concerned. Exhibition areas are open to the public.

FIGHT FOR SIGHT, INC.

0677 41 West 57th St.
New York, N.Y. 10010
Tel: (212) 751-1118

Fight for Sight, Inc. is also known as the National Council to Combat Blindness, Inc.

AREAS OF INTEREST: Research into the causes, treatment, and prevention of blinding eye diseases.

HOLDINGS: 250 photos; 1,100 project records; 550 periodicals; technical reports, pamphlets, news releases.

PUBLICATIONS: Annual report, brochures.

INFORMATION SERVICES: Answers inquiries; disseminates published material; makes referrals for individuals requesting information on eye care; permits onsite use of collection.

FLORIDA A&M UNIVERSITY

School of Pharmacy Library

0678 Florida A&M University
Tallahassee, Fla. 32307
Tel: (904) 222-8030 Ext. 445

AREAS OF INTEREST: Pharmacy, including pharmacology and pharmacognosy.

HOLDINGS: 5,000 books; 150 periodical titles; pamphlet file.

PUBLICATIONS: Bibliographies.

INFORMATION SERVICES: Provides literature-searching and duplication services; makes direct and interlibrary loans.

FLORIDA AGRICULTURAL EXPERIMENT STATIONS

see University of Florida. Institute of Food and Agricultural Sciences

FLORIDA DEPARTMENT OF AGRICULTURE

0679 The Capitol

Tel: (305) 224-8177

AREAS OF INTEREST: Agriculture in Florida, including regulatory, promotional, inspection, analytical, and marketing aspects; forest conservation.

HOLDINGS: Data compilations, insect specimens, films, photos, slides, maps and charts, posters and other display materials, project records, graphs, technical reports, standards and specifications, journals, abstracts, newsletters, reprints, publication lists, bibliographies, pamphlets, press releases, clippings.

PUBLICATIONS: Technical reports, market reports, newsletters, pamphlets, press releases, reprints.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; lends motion pictures; prepares radio and television materials; permits onsite use of collection. Services are primarily for Florida residents.

Division of Animal Industry

Bureau of Diagnostic Laboratories

0680 Division of Animal Industry
Florida Department of Agriculture
North Bermuda Ave., Box 460
Kissimmee, Fla. 32741
Tel: (305) 847-3185

AREAS OF INTEREST: Animal disease diagnostic procedures; pathology, including clinical pathology; bacteriology; virology; biochemistry; parasitology.

HOLDINGS: 1,000 books; 50 periodical titles; reports.

PUBLICATIONS: Laboratory handbook describing specimens required for various diagnoses; reports.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, literature-searching, and abstracting services; permits onsite use of collection. Services are available to veterinarians and livestock owners.

FLORIDA DEPARTMENT OF CITRUS

Scientific Research Department

0681 Florida Department of Citrus
P.O. Box 148
Lakeland, Fla. 33802

Location:

Memorial Blvd.
Lakeland, Fla.

Tel: (813) 682-0171

AREAS OF INTEREST: Citrus flavor, essences, new products, color, microbiology, testing methods, quality assurance, juice products (concentrated, single strength, reconstituted, dehydrated), byproducts of citrus fruits and juices, mechanical harvesting, pre- and post-harvest physiology, and fresh fruit handling.

HOLDINGS: 5,000 books; 100 periodical titles.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries. The Department reserves the right to limit the dissemination of information of particular economic importance to the Florida citrus industry or for reasons of patenting.

FLORIDA DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES

Division of Health

Bureau of Laboratories

0682 Division of Health
Florida Department of Health and
Rehabilitative Services
P.O. Box 210
Jacksonville, Fla. 32201

Location:

1217 Pearl St.
Jacksonville, Fla.

Tel: (904) 354-3961 Ext. 301

AREAS OF INTEREST: Industrial hygiene; clinical chemistry; heavy metals; pesticides.

INFORMATION SERVICES: Provides laboratory analytical services to physicians, law enforcement officers, and other authorized agents in Florida.

MIAMI PESTICIDES LABORATORY

0683 Bureau of Laboratories
Division of Health
Florida Department of Health and
Rehabilitative Services
1150 Northwest 14th St., Suite 711
Miami, Fla. 33136
Tel: (305) 373-5277

AREAS OF INTEREST: Pesticides, primarily organophosphates, in relation to human exposure and health; analytical methods, including gas, infrared, and thin layer chromatography.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; makes referrals.

Bureau of Sanitary Engineering

0684 Division of Health
Florida Department of Health and
Rehabilitative Services
P.O. Box 210
Jacksonville, Fla. 32201

Location:

1217 Pearl St.
Jacksonville, Fla.

Tel: (904) 354-3961

AREAS OF INTEREST: Water supply; waste water treatment; water treatment; solid waste management; shellfish control.

HOLDINGS: Reports, standards and specifications, graphs, tables, project records, maps, charts, slides, photos, bacteriological water quality data.

INFORMATION SERVICES: Answers brief inquiries; makes referrals; permits onsite reference.

Health Education Section

0685 Division of Health
Florida Department of Health and
Rehabilitative Services
P.O. Box 210
Jacksonville, Fla. 32201

Location:

1217 Pearl St.
Jacksonville, Fla.

Tel: (904) 354-3961 Ext. 332

AREAS OF INTEREST: Public health; medicine; health education; clinical toxicology.

HOLDINGS: 26,000 books and bound journals; 2,000 motion pictures; slides, photos, maps, charts, posters, display materials, reviews, reprints, bibliographies.

PUBLICATIONS: Reviews, books, pamphlets.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides reference, literature-searching, and duplication services; makes interlibrary loans. Services are primarily for Florida residents.

Division of Mental Health

Bureau of Alcoholic Rehabilitation

0686 Division of Mental Health

Florida Department of Health and
Rehabilitative Services
P.O. Box 1147
Avon Park, Fla. 33825

Location:
Highway 27 South
Avon Park, Fla.
Tel: (813) 453-3151

AREAS OF INTEREST: Alcoholism, including treatment of physical and psychological aspects, statistical studies of social characteristics of the State's alcoholic population, organization of community programs to prevent and treat alcoholism at local and regional levels, public education, professional training, and consultation.

HOLDINGS: Small collection of books, periodicals, and reports; a set of the Classified Abstract Archive of the Alcohol Literature (CAAAL).

PUBLICATIONS: *Insight* (10 issues a year); reports, bibliographies, pamphlets.

INFORMATION SERVICES: Provides consulting services; makes referrals; conducts intensive training and observation courses for professional personnel. Services are provided free to Florida agencies and at cost to others.

FLORIDA DEPARTMENT OF NATURAL RESOURCES

Division of Marine Resources

Bureau of Marine Science and Technology

MARINE RESEARCH LABORATORY

0687 P.O. Drawer F
St. Petersburg, Fla. 33731

Location:
Bayboro Harbor
Maritime Base
St. Petersburg, Fla.
Tel: (813) 896-8626

AREAS OF INTEREST: Management and conservation of marine crustacean, shellfish, and anadromous fish resources; salt water fisheries in Florida.

HOLDINGS: Pertinent literature and data are now being accumulated.

PUBLICATIONS: Research report series, current research articles, booklets, pamphlets, reviews.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting and bibliographic services; makes interlibrary loans; permits onsite use of collection.

RESEARCH DEPARTMENT

0688 Bureau of Marine Science and Technology
Division of Marine Resources
Florida Department of Natural Resources
Edwin J. Larson Bldg.
Tallahassee, Fla. 32304
Tel: (904) 224-7141 Ext. 230

AREAS OF INTEREST: Marine biology; chemical oceanography; physical oceanography; fisheries biology.

HOLDINGS: Invertebrate and ichthyological collections; specimens of mounted algae, diatoms, and dinoflagellates; 5,000 books; 100 periodical titles; 5,000 reports.

PUBLICATIONS: Reports, bibliographies, abstracts, books, research terminates.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, literature-searching, and duplication services; makes referrals; permits onsite use of collections. Fees may be charged for extensive services.

FLORIDA ENTOMOLOGY SOCIETY

0689 c/o Dr. Frank W. Mead, Secretary
P.O. Box 12425, University Station
Gainesville, Fla. 32601
Tel: (904) 372-3505

AREAS OF INTEREST: Basic and applied research in entomology, with emphasis on Florida entomology; insect taxonomy, morphology, physiology, and control; insecticides.

PUBLICATIONS: *Florida Entomologists* (quarterly).

INFORMATION SERVICES: Answers inquiries; provides reference services.

FLORIDA GAME AND FRESH WATER FISH COMMISSION

0690 620 South Meridian St.
Tallahassee, Fla. 32304
Tel: (904) 224-0115

AREAS OF INTEREST: Wild animal life and fresh water aquatic life (nonjudicial aspects), including establishment of rules and regulations, seasons, and

and fresh water aquatic life.

HOLDINGS: Biennial reports; 25-year progress report; maps and charts of some major watersheds; summaries of hunting and fishing rules and regulations; summaries of wildlife management and fish management area regulations; hunt maps and rules of various wildlife management and public hunting areas; pamphlets and brochures relating to wildlife and fresh water fish; news releases.

PUBLICATIONS: *Florida Wildlife Magazine*; motion pictures, color slide lecture series.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; lends motion pictures, photos, and slides; presents exhibits; maintains a speakers' bureau on subjects of wildlife and fresh water fish.

FLORIDA STATE MUSEUM

see University of Florida

FLORIDA STATE UNIVERSITY

Department of Oceanography

0691 Florida State University
Tallahassee, Fla. 32306
Tel: (904) 599-3385

AREAS OF INTEREST: Biological, chemical, geological, and physical oceanography (education and research). Special research interests include coastal environmental processes, coastal marine organisms, mariculture, model studies, and sea-air interaction.

HOLDINGS: Books, periodicals, reports, abstracts, maps, charts, reviews, films, photos, slides, project records, punched cards, newsletters, reprints, bibliographies, publication lists, pamphlets, press releases, clippings, data.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services; permits onsite reference.

The University operates the Florida State University Edward Ball Marine Lab, Rt. 1, Box 219A, Sopchoppy, Fla. 32358, Tel: (904) 697-3304 or 599-3144.

Institute of Molecular Biophysics

0692 Florida State University
Call St.

Tel: (904) 599-2030

AREAS OF INTEREST: Molecular biophysics, including protein and nucleic acid synthesis, organic biological reaction mechanisms, physiology (neural activity), biochemistry of development, nuclear magnetic resonance spectra, molecular and molecular electronic spectroscopy, whole cell separation, polymer chemistry, EPR studies related to biology, animal behavior and learning, molecular biology, photosynthesis and photobiology, vision, and visual research.

HOLDINGS: Small collection of periodicals and reports.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; provides reference services. Services are provided to professional researchers and academic persons in the field of molecular biophysics.

FLYING PHYSICIANS ASSOCIATION, INC.

0693 c/o Mr. Albert Carriere, Business Counsel
801 Green Bay Rd.
Lake Bluff, Ill. 60044
Tel: (312) 234-6330

AREAS OF INTEREST: General aviation medicine, including utilization of oxygen and effects of medications on flight characteristics; armed services aviation medicine; Federal Aviation Administration medical policies.

HOLDINGS: Collection of photos, technical reports, pamphlets, and medical aviation and general aviation publications.

PUBLICATIONS: *The Flying Physician* (quarterly); monthly newsletter.

INFORMATION SERVICES: Answers inquiries; makes referrals.

FOOD AND DRUG ADMINISTRATION

see Health, Education, and Welfare, Department of Public Health Service

FOREST FARMERS ASSOCIATION COOPERATIVE

0694 1375 Peachtree St. NE., Suite 650

Atlanta, Ga. 30309
Tel: (404) 892-3331

AREAS OF INTEREST: Business of growing and processing timber in the Southern United States, including taxation, government policy, research, and technology.

HOLDINGS: Small collection of journals, newsletters, and pamphlets.

PUBLICATIONS: *Forest Farmer Magazine* (monthly); *Forest Farmer Manual* (annual).

INFORMATION SERVICES: Answers inquiries; provides literature-searching services; makes referrals; permits onsite use of collection. Services are primarily for members, but are also provided to others on individual basis.

FOREST HISTORY SOCIETY, INC.

0695 P.O. Box 1581
Santa Cruz, Calif. 95060

Location:
733 River St.
Santa Cruz, Calif.
Tel: (408) 426-3770

AREAS OF INTEREST: All aspects of the history of North American forests and forestry, with interdisciplinary approaches to lumbering, forest products industries, conservation, and esthetics.

HOLDINGS: 2,000 books; 150 periodical titles; reports, oral history tapes and transcriptions, photos, motion pictures, glass slides, microforms. Manuscript collections include the papers of the Society of American Foresters, the American Forestry Association, the National Lumber Manufacturers Association, the American Forest Institute, G. Harris Collingwood, and the J. D. Lacey Company.

PUBLICATIONS: *Forest History* (quarterly); colloquium proceedings, books, reports, bibliographies.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and duplication services; makes referrals; permits onsite use of collection. Fees may be charged, depending on the nature and extent of services requested.

FOREST SERVICE

see Agriculture, Department of

FORESTA INSTITUTE FOR OCEAN AND MOUNTAIN STUDIES

Latin American Natural Area Programs

0696 Foresta Institute for Ocean and Mountain Studies
1701 18th St. NW.
Washington, D.C. 20009
Tel: (202) 667-5404

AREAS OF INTEREST: Perpetuation of examples of protected nature and quality environments, autochthonous biota, and habitat; promotion of parks and reserves; encouragement of private action and public administration to include defense of nature in Central and South America and Antarctica; environmental research and education, including community action programs, field training in ecological analysis, risk criteria in land appraisal, and regional planning.

HOLDINGS: Bird, fish, and mammal collections; a Sierra-Nevada herbarium; reference material on sites, people, and governmental organizations relating to environment and ecology (historical and policy); a 6,000-volume library, including extensive periodicals of international agencies and organizations, reports, reprints, and brochures.

PUBLICATIONS: Reports on local activities in environmental education and guidelines for land saving; endangered species postcards and posters.

INFORMATION SERVICES: Answers inquiries; provides extensive environmental research and educational reference services.

FORSYTH COUNTY (N.C.) ALCOHOLISM PROGRAM

0697 740 Cleveland Ave. NE.
Winston-Salem, N.C. 27101
Tel: (919) 727-2866

AREAS OF INTEREST: Alcohol, alcoholism, and related problems; treatment and rehabilitation of alcoholics; prevention of alcoholism.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Reports, service descriptions and manual material.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and literature-searching services; makes referrals.

FORT LOGAN MENTAL HEALTH CENTER

0698 3520 West Oxford Ave.
Denver, Colo. 80236
Tel: (303) 761-0220

AREAS OF INTEREST: Community psychiatry and psychiatric treatment.

HOLDINGS: The Center's Medical Library has about 6,345 books and bound periodical volumes, 286 journal and serial subscriptions, and 5 vertical file drawers of pamphlets and reports. Patient records, in computer-processed form, are used in research and in preparing publications.

PUBLICATIONS: *Journal of the Fort Logan Mental Health Center* (quarterly, available free); technical reports.

INFORMATION SERVICES: Research and statistical data are made available to professional workers in psychiatry and related fields (the identity of individual patients is safeguarded). The Medical Library makes interlibrary loans, provides duplication services, and permits onsite use of its collections.

FORT WORTH MUSEUM OF SCIENCE AND HISTORY

0699 1501 Montgomery St.
Fort Worth, Tex. 76107
Tel: (817) 732-1631

AREAS OF INTEREST: Natural sciences; astronomy; astronautics; geology; paleontology; archeology.

HOLDINGS: 52,250 preserved natural history (arthropods, birds, mammals, reptiles), geological, and paleontological specimens; magnetic tapes, photos, and slides of astronautical and astronomical subjects; 29,540 historical artifacts.

PUBLICATIONS: Articles by individual staff members.

INFORMATION SERVICES: Answers inquiries; provides consulting services; identifies specimens; permits onsite reference; lends natural science collections to educational institutions or to their representatives; conducts taxonomic and biological research on parasitic and free-living mesostigmatic mites and

taxonomic research on land snails of the Southwest; conducts classes for fee.

FOUNDATION FOR THE STUDY OF CYCLES, INC.

0700 124 South Highland Ave.
Pittsburgh, Pa. 15206
Tel: (412) 441-1666

AREAS OF INTEREST: Time series analysis and statistics with special reference to cycles; rhythmic fluctuations in all disciplines; time; environmental effects upon biological systems.

HOLDINGS: 1,000 books; 2,000 periodicals; 2,250 reports; 12,000 maps and charts; 56,000 statistical analyses; 1,500 graphs and tables; 1,500 abstracts; 700 newsletters; 550 reprints; 1,600 pamphlets; 2,500 clippings.

PUBLICATIONS: *Cycles* (monthly); research bulletins (irregular).

INFORMATION SERVICES: Answers inquiries; makes referrals; provides bibliographic services; permits onsite use of literature collection.

FRANCIS A. COUNTWAY LIBRARY OF MEDICINE

see Harvard University

FREDERICK C. SMITH CLINIC LIBRARY

0701 1040 Delaware Ave.
Marion, Ohio 43302
Tel: (614) 383-2161

AREAS OF INTEREST: Medicine.

HOLDINGS: Standard medical texts and journals; *Index Medicus*.

INFORMATION SERVICES: Answers inquiries; provides reference services. Services are primarily for medical personnel, nurses, and students.

FRIDAY HARBOR LABORATORIES

see University of Washington

FRIENDS OF HISTORICAL PHARMACY, INC.

0702 c/o Dr. M. L. Neuroth, President
Box 666
Medical College of Virginia
Richmond, Va. 23219
Tel: (703) 770-4659

AREAS OF INTEREST: Pharmaceutical and medical history, particularly of the American Revolution era.

HOLDINGS: Reports relating to the history of the Hugh Mercer Apothecary Shop, which is owned by Friends of Historical Pharmacy, Inc. and located in Fredericksburg, Va.

PUBLICATIONS: Brochure.

INFORMATION SERVICES: Answers inquiries; makes referrals; permits onsite use of report collection by prior arrangement.

FRONTIER TAXIDERMISTS, INC.

0703 P.O. Box 3024
Cheyenne, Wyo. 82001
Location:
3424 East Pershing Blvd.
Cheyenne, Wyo.
Tel: (307) 632-3686

AREAS OF INTEREST: Taxidermy.

HOLDINGS: 1,000 specimens; 5 motion pictures; 600 photos; pamphlets, books, data.

INFORMATION SERVICES: Answers inquiries; makes referrals; permits onsite use of collection.

FULTON COUNTY (GA.) HEALTH DEPARTMENT

Environmental Health Services

0704 Fulton County Health Department
99 Butler St. SE.
Atlanta, Ga. 30303
Tel: (404) 572-2844

AREAS OF INTEREST: Environmental health, including milk and food sanitation, vector control, industrial hygiene, air pollution, stream pollution, and general sanitation.

PUBLICATIONS: Reports, local regulations.

INFORMATION SERVICES: Answers inquiries; provides consulting services; conducts epidemiological investigations into causes of disability; makes field inspections and secures samples for analysis.

GALLAUDET COLLEGE

Edward Miner Gallaudet Memorial Library

0705 Gallaudet College
Florida Ave. and 7th St. NE.
Washington, D.C. 20002
Tel: (202) 386-6512

AREAS OF INTEREST: Deafness; hearing; language; speech and speech reading; psychology and personality of the deaf; heredity; the deaf-blind; audiology; tests; education and guidance of the deaf; rehabilitation and vocational training; schools for the deaf; reading.

HOLDINGS: Approximately 125,000 volumes, about 10,000 of which are related to deafness, the Library's only area of specialization; theses and dissertations acquired from American and foreign academic institutions, journals, reprints, leaflets; the Baker Collection of historical material dating from 1546. Titles in the collection published since 1900 have been classified and cataloged; the earlier materials have been inventoried. The general collection, which supports a liberal arts curriculum, also includes films, filmstrips, slides, vertical files, and other nonbook materials.

INFORMATION SERVICES: The part of the collection that relates to deafness may be used onsite for research by persons not connected with the College. The Library makes interlibrary loans of titles that it holds in duplicate.

GARDEN CENTER OF GREATER CLEVELAND

0706 11030 East Blvd.
Cleveland, Ohio 44106
Tel: (216) 721-1600

AREAS OF INTEREST: Gardening, horticulture, and related subjects.

HOLDINGS: Plant specimens; 10,000 books, including rare horticultural books; 100 journal subscriptions.

PUBLICATIONS: *The Garden Center Bulletin* (monthly); pamphlets.

INFORMATION SERVICES: Answers inquiries; provides reference and consulting services; identifies plants; maintains file of available local speakers; assists in program planning for horticultural groups; conducts classes and lectures on horticultural subjects; lends books to members only; permits onsite use of collections.

GARFIELD PARK CONSERVATORY

0707 300 North Central Park Blvd.
Chicago, Ill. 60624
Tel: (312) 533-1281

AREAS OF INTEREST: Horticulture; gardening.

HOLDINGS: About 4,000 living plant specimens; 800 slides; 350 photos; a literature collection of 400 books, 550 journals, 175,000 pamphlets, and 5,000 posters and other display materials.

PUBLICATIONS: *Flower of the Month* (monthly leaflet).

INFORMATION SERVICES: Answers inquiries; provides location of hard-to-find bibliographic materials; provides lecturers and plants to schools; identifies plant specimens; makes referrals; permits onsite use of literature collection. The Conservatory is open to the public.

GAYLORD MEMORIAL LABORATORY

0708 R.F.D. 1
Puxico, Mo. 63960
Tel: (314) 222-3203

The Gaylord Memorial Laboratory is jointly sponsored by the University of Missouri and the Missouri Department of Conservation.

AREAS OF INTEREST: Ecology and behavior of birds and mammals, especially game species; effects of pesticides on reproduction.

HOLDINGS: Over 200 specimens of mammals, birds, and other vertebrates; 900 volumes of books and journals; 30 journal subscriptions; reprints, data compilations, unevaluated data.

PUBLICATIONS: Papers in appropriate journals, theses. A publications list is available.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

GENERAL FOODS CORP.

Technical Center Library

0709 General Foods Corp.
White Plains, N.Y. 10625

Location:

555 South Broadway

Tarrytown, N.Y.

Tel: (914) 631-6400

AREAS OF INTEREST: Food science and technology, including biochemistry, nutrition, chemistry, and chemical engineering.

HOLDINGS: 6,000 books; 9,000 periodicals; 60 vertical file drawers of pamphlets; patents on microfilm.

PUBLICATIONS: Bibliographies.

INFORMATION SERVICES: Makes interlibrary loans; permits onsite use of collection by qualified scientists and librarians.

GENERAL SANITATION CO.

0710 917-25 North 2d St.
Philadelphia, Pa. 19123
Tel: (215) 923-7300

AREAS OF INTEREST: All forms of pest control; fumigation; odor control; sanitation and germ control.

INFORMATION SERVICES: Answers inquiries; provides consulting services to Government agencies or interested individuals without charge; makes referrals.

THE GEOGRAPHICAL RESEARCH INSTITUTE

0711 c/o Denoyer-Geppert Co.
5235 North Ravenswood Ave.
Chicago, Ill. 60640
Tel: (312) 561-9200

AREAS OF INTEREST: Geography; history (ancient, medieval, modern, United States, world); economics; biology; earth science; science general; education.

HOLDINGS: Editorial library (reference books, atlases, maps); plants, animals (in preserved form); skeletons, anatomical and biological models, maps, charts, transparencies, filmstrips, film loops, 35mm slides, movies, records, map and chart mounting pamphlets, projectors, microscopes.

PUBLICATIONS: Cartocraft Teaching Aids, Cartocraft Research Studies, teachers' manuals, miscellaneous reports.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services in the fields of biology and geography (a fee may be charged); distributes visual aids to schools and colleges; permits visits by school children (7th grade and up) and teachers to see how maps, globes, charts, and models are made and for lessons in geography, history, citizenship, biology, and health. Services are primarily for educational institutions; the Institute does not cater to the lay public.

GEORGE LANDIS ARBORETUM

0712 Esperance, N.Y. 12066
Tel: (518) 875-6935

AREAS OF INTEREST: Plants, including aspects of taxonomy, geography, and culture; bonsai.

HOLDINGS: 1,800 plant specimens; 5,100 books; 20 journal subscriptions; 550 technical reports; 750 pamphlets; slides, photos, maps and charts, newsletters.

PUBLICATIONS: Technical reports, seed exchange lists in Latin.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting and plant identification services; provides short lists of literature citations in response to specific inquiries; conducts field tour for fee; conducts courses in botany, horticulture, and allied subjects; permits onsite use of collections.

GEORGE WASHINGTON UNIVERSITY

Department of Medical and Public Affairs

0713 George Washington University Medical Center
P.O. Box 341
Warrenton, Va. 22186

Location:

The Airlie Center
Route 605
Warrenton, Va.

Tel: (703) 347-1300 or
(202) 273-6554 (Airlie Foundation)

AREAS OF INTEREST: Educational and documentary films on air pollution and the biomedical sciences.

PUBLICATIONS: Filmed reports.

INFORMATION SERVICES: Answers inquiries regarding films available; lends films.

School of Medicine

Department of Pharmacology

0714 School of Medicine
George Washington University
1339 H St. NW.
Washington, D.C. 20005
Tel: (202) 331-6541

AREAS OF INTEREST: Biochemical, molecular, and developmental pharmacology; drug metabolism. Problems under current investigation include: studies of the influence of drugs on the basic mechanism of protein and nucleic acid biosynthesis and metabolism, in an effort to understand the action of drugs used in the chemotherapy of cancer and in infectious and parasitic diseases; studies on the absorption, distribution, excretion, and metabolism of drugs, and the genetic, endocrine, and environmental factors influencing them; basic biochemical mechanisms by which drugs produce beneficial or toxic effects, including studies of the action of various drugs on biochemical systems involved in intermediary metabolism, energy metabolism, steroid biosynthesis, cell wall biosynthesis, and homeostatic control.

PUBLICATIONS: Scientific publications.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; conducts scientific research. Services are available to physicians, students, and specialists in the above areas of interest.

GEORGE WILLIAMS HOOPER FOUNDATION

see University of California, San Francisco

GEORGETOWN UNIVERSITY

Department of Biology

0715 Georgetown University
37th and O Sts. NW.

Washington, D.C. 20007
Tel: (202) 625-4126

AREAS OF INTEREST: Biology, including electron microscopy, light microscopy, bacterial cytology, taxonomy of the genus vibrio, antibiotic action on bacteria, plant virology, plant growth substances, radiation effects, hypothermia, and histology and fine structure of gall bladder, eye, and skin; invertebrate toxin biochemistry; hyperthermia; developmental biology, especially invertebrate nervous system.

HOLDINGS: A variety of electron micrographs of specimens ranging from bacteria through algae, coelenterates, and including man.

PUBLICATIONS: Articles by staff members in appropriate journals.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

Department of Pharmacology

0716 Georgetown University
3900 Reservoir Rd.
Washington, D.C. 20007
Tel: (202) 625-7636

AREAS OF INTEREST: Pharmacology, including neuropsychopharmacology, neuromuscular pharmacology, cardiovascular pharmacology, autonomic pharmacology, spinal cord pharmacology, and pharmacology of unmyelinated nerves; pharmacodynamics; nicotine; drug effects on the central nervous system; antiarrhythmic agents; clinical pharmacology of analgesics; design of clinical studies of the subjective effects of drugs; drug and environmental effects on macrophage activity; elasmobranch pharmacology; renal pharmacology; transport and excretion of organic compounds by the kidney; behavioral pharmacology; drug effects on learning, memory, and aggression.

HOLDINGS: Collection of books, periodicals, and reports.

INFORMATION SERVICES: Answers inquiries as time permits; provides duplication services; provides reprints of articles, if available; makes referrals. Individual staff members may provide consulting services during their own time.

Georgetown University Hospital

Renal and Electrolyte Division

0717 Georgetown University Hospital
3800 Reservoir Rd. NW.
Washington, D.C. 20007

Tel: (202) 625-7257

AREAS OF INTEREST: Kidney disease; renal physiology; dialyzable poisons; homotransplantation of the kidneys; artificial organs; toxic nephropathy; renal biopsy pathology; renal clinical pharmacology.

HOLDINGS: *Annals of Internal Medicine*; *Medical Annals of D.C.*; a small library in nephrology and renal physiology; reprint collection in nephrology; MEDLARS of the National Library of Medicine; large slide collection of medical illustrations in nephrology. The Division also has access to the collections in the Georgetown Medical Library.

PUBLICATIONS: *Transactions of the American Society for Artificial Internal Organs (ASAIO)*, including review of dialyzable poisons (annual); *Registry* (bibliography of dialyzable poisons); *Nephron* (journal of the International Society of Nephrology, 6 issues a year); *Clinical Research* (journal of the American Federation for Clinical Research, 4 issues a year); *Abstracts of the American Society of Nephrology* (annual).

INFORMATION SERVICES: Answers brief inquiries, but provides extensive services only to members of the American Society of Nephrology and international congresses of nephrology; provides back issues (from 1960) of *Transactions*, ASAIO.

Georgetown University Libraries

Science Library

0718 Georgetown University
37th and O Sts. NW.
Washington, D.C. 20007
Tel: (202) 625-4733

AREAS OF INTEREST: Biology; chemistry; mathematics; physics; general sciences; history and philosophy of science.

HOLDINGS: 30,000 books; 600 periodical titles; reports, data.

INFORMATION SERVICES: Makes interlibrary loans; provides duplication services; permits onsite reference.

GEORGIA AGRICULTURAL EXPERIMENT STATION

see University of Georgia

GEORGIA DEPARTMENT OF AGRICULTURE

Laboratories Division

0719 Georgia Department of Agriculture
Agriculture Bldg., Room 610
19 Hunter St. NW.
Atlanta, Ga. 30334
Tel: (404) 524-3292 Ext. 314

AREAS OF INTEREST: General analysis of most agricultural commodities; consumer protection.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Annual report.

INFORMATION SERVICES: Answers inquiries; provides consulting services; performs laboratory analyses for governmental agencies.

GEORGIA DEPARTMENT OF PUBLIC HEALTH

Mental Health Division

Community Services Branch

COMMUNITY ALCOHOLISM AND DRUG PROGRAMS

0720 Mental Health Division
Georgia Department of Public Health
47 Trinity Ave. SW., Room 534
Atlanta, Ga. 30334
Tel: (404) 656-4946

AREAS OF INTEREST: Alcoholism and drug addiction treatment, using medicine, psychiatric evaluation, pastoral and other counseling, group psychotherapy, psychological testing and evaluation, occupational and recreational therapy, and vocational evaluation; research and training in treatment of alcoholism and drug addiction.

HOLDINGS: 1,000 periodical titles; books, motion pictures.

PUBLICATIONS: Journal articles, reports.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; makes referrals; lends motion pictures. Services are available to alcoholics, drug addicts, and their families, and to

professional persons working or concerned with the problems of alcoholism and drug addiction.

GEORGIA FORESTRY COMMISSION

0721 P.O. Box 819
Macon, Ga. 31202

Location:

Riggins Mill Rd.
Macon, Ga.

Tel: (912) 577-1671

AREAS OF INTEREST: Georgia forestry and conservation.

HOLDINGS: Specimens of insects and tree diseases; 600 books; 1,250 journals; 250 motion pictures; 1,400 photos; 675 slides; 1,500 posters and other display materials; 1,350 bibliographies; 20,000 pamphlets; graphs, unevaluated data.

PUBLICATIONS: *Georgia Forestry* (quarterly); annual report, pamphlets.

INFORMATION SERVICES: Answers brief inquiries; prepares analyses; makes referrals; permits onsite use of collection. Services are primarily for Georgia residents.

GEORGIA GAME AND FISH COMMISSION

0722 270 Washington St. SW.
Atlanta, Ga. 30334
Tel: (404) 656-3500

AREAS OF INTEREST: Fish and wildlife research and management in Georgia; boating safety; firearms safety.

HOLDINGS: 2,500 fish and game specimens; 30,000 data compilations; 13,500 photos; 4,500 slides; 1,500 graphs; 650 technical reports; motion pictures, maps, charts, newsletters, reprints, pamphlets, press releases, clippings.

PUBLICATIONS: Technical reports, pamphlets on fisheries and wildlife management, maps and charts, posters, press releases.

INFORMATION SERVICES: Answers inquiries; lends motion pictures; permits onsite use of collection.

0723

GEORGIA INSTITUTE OF TECHNOLOGY

Environmental Resources Center

0723 Georgia Institute of Technology
Atlanta, Ga. 30332
Tel: (404) 873-4211 Ext. 857

AREAS OF INTEREST: All aspects of the conservation, development, planning, and management of air, water, and coastal and marine land and mineral resources.

PUBLICATIONS: Reports, books.

INFORMATION SERVICES: Answers inquiries; provides consulting and extension services. The Center serves as a point of contact with academic programs and related research programs on the Institute camps.

GEORGIA WATER QUALITY CONTROL BOARD

0724 47 Trinity Ave. SW.
Atlanta, Ga. 30334
Tel: (404) 688-4033 Ext. 406

AREAS OF INTEREST: Physical, chemical, and biological characteristics of the water resources of Georgia; water quality; waste treatment; water pollution control.

HOLDINGS: Construction plans for waste treatment facilities in Georgia; water quality data (chemical and biological).

PUBLICATIONS: *Special Water Quality Surveys; Evaluations of Treatment Facilities (Waste); Monitoring & Surveillance System (Operation & Maintenance)*; standards and specifications; annual report.

INFORMATION SERVICES: Answers technical inquiries; makes referrals; provides consulting and limited bibliographic services.

GLASSBORO STATE COLLEGE

Science Department

0725 Glassboro State College
Glassboro, N.J. 08028
Tel: (609) 881-8400 Ext. 261

GEORGIA INSTITUTE OF TECHNOLOGY

AREAS OF INTEREST: Physics; chemistry; geology; astronomy; biology; human genetics; microbiology; virology.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

GOLF COURSE SUPERINTENDENTS ASSOCIATION OF AMERICA

0726 3158 Des Plaines Ave.
Des Plaines, Ill. 60018
Tel: (312) 824-6147

AREAS OF INTEREST: Turfgrass science and golf course maintenance, including maintenance of tees, greens, fairways, shrubs, trees, and recreational areas such as tennis courts and swimming pools, maintenance equipment, and maintenance methods.

HOLDINGS: Reports, journals.

PUBLICATIONS: *The Golf Superintendent* (10 issues a year); *GCSAA Newsletter* (quarterly); *GCSAA Membership Directory* (annual); *Annual Turfgrass Conference Proceedings* (annual); *GCSAA Management Aids List* (revised semiannually).

INFORMATION SERVICES: Answers inquiries pertaining to golf course maintenance; sponsors Annual International Turfgrass Conference and Show in February; administers GCSAA Scholarship and Research Fund, Inc.

GORGAS HOSPITAL MEDICAL LIBRARY

see Canal Zone Government

GORGAS MEMORIAL INSTITUTE OF TROPICAL AND PREVENTIVE MEDICINE, INC.

0727 2007 Eye St. NW.
Washington, D.C. 20006
Tel: (202) 223-2697

AREAS OF INTEREST: Research on tropical diseases in a broad sense (ecology, epidemiology, taxonomy, prevention, control, treatment); mammalogy; entomology; parasitology; bacteriology; virology; human and animal malariology; serology; immunology; human and animal tropical diseases.

HOLDINGS: Synoptic collection of Panama animals; collections of ectoparasites, various colonies of mosquitoes, large colonies of triatomid bugs, colonies of *Phlebotomus* sandflies, and a reference collection of preserved specimens; a library of 7,700 volumes.

PUBLICATIONS: *Annual Report of the Gorgas Memorial Institute*; scientific papers, notes, and monographs published in leading journals. A list of over 600 publications is available.

INFORMATION SERVICES: Qualified scientists may have access to the collections of animals, parasites, and insects, to the library, and to other facilities, including field stations. Limited identification of insect vectors of tropical diseases is available. Interlibrary loans are made on a local basis. Advisory and research services are provided on contract basis.

The Gorgas Memorial Laboratory, the research arm and operating unit of the Institute, is located in Panama, Republic of Panama. Its address is Apartado 6991, Panama 5, R. de P. (P.O. Box 2016, Balboa Heights, Canal Zone).

GOVERNMENT PRINTING OFFICE

Office of the Superintendent of Documents

0728 Government Printing Office
North Capitol St. between G and H Sts. NW.
Washington, D.C. 20401
Tel: (202) 541-2081

AREAS OF INTEREST: Sales and distribution of Government publications.

HOLDINGS: The library of the Office of the Superintendent of Documents maintains a collection of almost 2 million Government documents. It is not open to the public except by special authorization of the Superintendent of Documents, but interlibrary loans are made to other Government agencies.

INFORMATION SERVICES: This Office provides information regarding catalogs, availability, and sales prices of Government publications and sells them to the public. It also provides general information about the administration of the Federal Depository Library Program under authority of Public Law 87-579.

GRAIN PROCESSING CORP.

Technical Information Center

0729 Grain Processing Corp.
1600 Oregon St.
Muscatine, Iowa 52761
Tel: (319) 263-1321 Ext. 207

AREAS OF INTEREST: Grain processing; wet milling processes and products; corn starch and syrup; animal nutrition; production of vitamins, enzymes, antibiotics, and organic chemicals by fermentation.

HOLDINGS: 400 specimens (bacteria, algae, molds yeast); thousands of technical reports; 1,500 books; 150 journal subscriptions; 4,000 reprints and patents; 10,000 references stored on punched cards by key words; indexes.

INFORMATION SERVICES: Provides short lists of literature citations in response to specific inquiries; furnishes location of hard-to-find bibliographical materials; makes limited interlibrary loans; permits onsite use of collection by prior arrangement.

GREAT LAKES COMMISSION

0730 5104 Institute of Science and Technology
Bldg.
2200 North Campus Blvd.
Ann Arbor, Mich. 48105
Tel: (313) 665-9135

AREAS OF INTEREST: Conservation, development, and use of water resources of the Great Lakes Basin, including the protection and regulation of fisheries, pollution control, general navigation and navigational aids, stabilization of water levels, shore erosion, diversion of water into and from the Lakes, foreign commerce on the Lakes, hydroelectric power, and recreational uses of the Basin.

HOLDINGS: Information and statistics on water-related subjects of concern to the States and localities in the Great Lakes Basin and adjacent areas (the Commission serves as a clearinghouse). Reference files contain reports, documents, newsletters, and newspaper articles.

PUBLICATIONS: The *Great Lakes News Letter* (6 issues a year); *Great Lakes Research Checklist*, listing studies and documents pertaining to Great Lakes research, prepared twice a year in cooperation with the Great Lakes Research Division, Institute of Science and Technology, University of Michigan; *Minutes of Great Lakes Commission Meetings*; *Sum-*

mary of State and Provincial Regulations Relating to Sport Fishing in the Great Lakes (annual); *Report to the States* (biennial); special studies, reviews, reports.

INFORMATION SERVICES: Answers brief inquiries; makes referrals.

GREAT LAKES FISHERY COMMISSION

0731 P.O. Box 640
Ann Arbor, Mich. 48107

Location:

1451 Green Rd.
Ann Arbor, Mich.
Tel: (313) 665-6847

The Commission was established by a 1955 convention between Canada and the United States for the conservation of Great Lakes fishery resources. It relies on existing agencies to carry out the research it proposes and to implement the measures it recommends.

AREAS OF INTEREST: Coordination of fisheries research and management in the Great Lakes; formulation and implementation of a program to minimize sea lamprey in the Great Lakes.

HOLDINGS: The Commission maintains a card-index bibliography of Great Lakes fisheries and limnological literature at 23 locations in the Great Lakes area.

PUBLICATIONS: Annual reports, technical reports, bibliography, accessions list, popular articles, brochures.

INFORMATION SERVICES: Answers inquiries.

GREATER HARTFORD COUNCIL ON ALCOHOLISM, INC.

Capitol Region Drug Information Center

0732 179 Allyn St., Suite 403
Hartford, Conn. 06103
Tel: (203) 547-1300

AREAS OF INTEREST: Drug experimentation, misuse, abuse, and dependence (education, information, prevention, early intervention).

HOLDINGS: Extensive collections of papers, abstracts, books, pamphlets, brochures, reports, statistical studies, magazine articles, newspaper

clippings, films, slides, filmstrips, video and sound tapes, film cartridges, and other materials covering all facets of drug abuse and dependence and related problems. The Center is tied into the National Clearinghouse for Drug Abuse Information by computer retrieval, and thus has immediate access to over 5,000 additional research papers, reports, studies, and abstracts on drug abuse.

PUBLICATIONS: Newsletter (6 issues a year); *Drug Abuse Glossary* (professional and slang terms); *13-Question Town Survey*; 2 fact sheets (*General Drug Abuse Statistics and Facts* and *Marihuana and Health*); *Confidential Town Questionnaire*; *Compilation of Capitol Region Drug Problems*; film list, information kits, and other publications.

INFORMATION SERVICES: Provides counseling and consulting services; provides coordination and planning in drug programming; disseminates educational materials; makes referrals; conducts seminars and conferences; permits onsite use of literature collection.

GROUP FOR THE ADVANCEMENT OF PSYCHIATRY, INC.

0733 c/o Dr. Jack A. Wolford, Secretary
3811 O'Hara St.
Pittsburgh, Pa. 15213

The Group is composed of 21 working committees, each concerned with a specific aspect of psychiatry.

AREAS OF INTEREST: Psychiatry; psychopharmacology; psychotherapy; psychoanalysis; psychosocial problems; mental health education; mental retardation; aging.

PUBLICATIONS: Reports, symposia proceedings. A publications price list is available.

INFORMATION SERVICES: The Secretary refers inquiries to the appropriate committee for reply.

GUILD OF PRESCRIPTION OPTICIANS OF AMERICA, INC.

0734 1250 Connecticut Ave. NW.
Washington, D.C. 20036
Tel: (202) 659-1270

AREAS OF INTEREST: Prescription optics; eyeglasses.

PUBLICATIONS: *Guild Guide* (monthly).

INFORMATION SERVICES: Answers brief inquiries; makes referrals.

GULF AND CARIBBEAN FISHERIES INSTITUTE

0735 10 Rickenbacker Causeway
Miami, Fla. 33149
Tel: (305) 350-7533

The Institute is a membership organization, with membership available on a fee basis.

AREAS OF INTEREST: Fisheries, including biology, marketing, management, economics, and product evaluation; geopolitics of fisheries; fishery treaty organization; regional fishery problems.

HOLDINGS: Small collection of journals.

PUBLICATIONS: *Proceedings of the Gulf and Caribbean Fisheries Institute* (annual, available to members).

INFORMATION SERVICES: Answers inquiries.

GULF BREEZE LABORATORY

see Environmental Protection Agency. Office of Research and Monitoring. National Environmental Research Center (Corvallis)

GULF COAST RESEARCH LABORATORY

Library

0736 Gulf Coast Research Laboratory
P.O. Box AG
Ocean Springs, Miss. 39564
Tel: (601) 875-2244, 875-2245, or 875-2246

AREAS OF INTEREST: Physical and chemical oceanography; marine biology; ecology; biochemistry; botany; general marine and invertebrate zoology; eco-physiology; water birds; marine geology; ichthyology; fisheries; parasitology; microbiology; heart muscle research; biostatistics; computer science; mariculture; anadromous fishes.

HOLDINGS: 5,000 volumes; 400 journals; 16,000 reprints; reports.

PUBLICATIONS: Gulf Research Reports (not available to individuals).

INFORMATION SERVICES: Answers inquiries through letters; makes interlibrary loans; permits onsite reference; provides complimentary reprints to researchers in the field.

Museum

0737 Gulf Coast Research Laboratory
P.O. Box AG
Ocean Springs, Miss. 39564
Tel: (601) 875-2244, 875-2245, or 875-2246

AREAS OF INTEREST: Systematic biology (ichthyology and marine invertebrates).

HOLDINGS: Substantial study collections of marine and estuarine fishes of the Gulf of Mexico and tropical America.

PUBLICATIONS: *Publications of the Gulf Coast Research Laboratory Museum* (irregular).

INFORMATION SERVICES: Provides limited identification of fishes; permits onsite use of all collections by qualified scientists.

GULF COAST WATER SUPPLY LABORATORY

see Environmental Protection Agency. Office of Water Programs

GULF SOUTH RESEARCH INSTITUTE

Atchafalaya Basin Laboratories

0738 Gulf South Research Institute
P.O. Box 1177
New Iberia, La. 70560
Tel: (318) 365-2411

AREAS OF INTEREST: Hazards of pesticides to wildlife; drug metabolism; residue analysis by chromatography; pesticide toxicity evaluations (acute, sub-acute, chronic, potentiation, absorption, ingestion); environmental effects; animal resources.

HOLDINGS: Animals, including 3 gorillas, 45 chimpanzees, 450 monkeys of 8 species, 250 armadillos, 10,000 rodents, and miscellaneous sheep, dogs, ducks, and quail; fish; small collection of books, periodicals, and reports.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers brief inquiries; provides literature-searching and duplication services for fee; makes interlibrary loans.

Lake Pontchartrain Laboratories

0739 Gulf South Research Institute

P.O. Box 26500
New Orleans, La. 70126

Location:

5010 Camp Leroy Johnson Dr.
New Orleans, La.
Tel: (504) 283-4223

AREAS OF INTEREST: Cellular biology.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

Library

0740 Gulf South Research Institute
8000 GSRI Ave.
Baton Rouge, La. 70808
Tel: (504) 766-3300

AREAS OF INTEREST: Gulf South economy; physical sciences; public health sciences; water, air, and solid waste pollution abatement; life sciences; human resources; oceanography; toxicology; automatic data processing applications; urban development.

HOLDINGS: 1,000 books; 250 periodical titles; 500 reports.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides reference, consulting, literature-searching, and duplication services; makes inter-library loans; permits onsite use of collection. There is a charge for duplication services and postage.

HAHNEMANN MEDICAL COLLEGE AND HOSPITAL

Computer Center

0741 Hahnemann Medical College and Hospital
235 North 15th St.
Philadelphia, Pa. 19102
Tel: (215) 564-5000

The Computer Center is supported, in part, by the National Institutes of Health.

AREAS OF INTEREST: Mathematical, statistical, and computational support to biomedical research and hospital information retrieval; on-line, real time computer analysis of electrocardiograms.

HOLDINGS: Medical records and digitized ECG records in machine-retrievable form.

INFORMATION SERVICES: Answers inquiries; provides consulting services; conducts seminars in computer programming, mathematics, and statistics. Data processing services and on-line computer services are provided to all cultural, educational, and research institutions on a fee basis.

Laboratory of Human Pharmacology

0742 Hahnemann Medical College and Hospital
235 North 15th St.
Philadelphia, Pa. 19102
Tel: (215) 564-5000 Ext. 432

AREAS OF INTEREST: Metabolism, potentiation, and toxicity of drugs, using such analytical methods as chromatography, colorimetry, and spectrometry; antibiotics; ataractics; pesticides; sedatives; solvents; stimulants; aerosols; fumes; radioactive chemicals; induction or inhibition of microsomal metabolizing systems.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Fees may be charged for extensive services.

Facilities include an IBM 1620 computer and a reader-printer.

Library

0743 Hahnemann Medical College and Hospital
235 North 15th St.
Philadelphia, Pa. 19102
Tel: (215) 564-5000 Ext. 272

AREAS OF INTEREST: Biomedicine and allied sciences.

HOLDINGS: 15,000 books; 811 periodical subscriptions; 27,000 bound journals and indexes; technical reports, newsletters, reviews, bibliographies, pamphlets.

PUBLICATIONS: Publication lists.

INFORMATION SERVICES: Answers brief inquiries; provides short lists of literature citations in response to specific inquiries; provides location of hard-to-find bibliographic materials; prepares indexes of symposiums appearing in biomedical journals; makes referrals; permits onsite use of collection by personnel in medical and related professions.

HAMPDEN DISTRICT MEDICAL SOCIETY

0744 1414 State St.
Springfield, Mass. 01109
Tel: (413) 736-0661

PUBLICATIONS: Newsletters.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; provides motion pictures and speakers on all aspects of health education; makes referrals; distributes health pamphlets.

HARRISBURG HOSPITAL

Institute of Pathology and Research

Toxicology Department

0745 Institute of Pathology and Research
Harrisburg Hospital
Front St.
Harrisburg, Pa. 17101
Tel: (717) 236-7011 Ext. 455

AREAS OF INTEREST: Toxic agents, including alkaloids, corticosteroids, drugs, food additives, and household chemicals; analytical methods; autopsy; hemodialysis.

HOLDINGS: Small collection of books, periodicals, and reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services; furnishes toxicological analyses of specimens (human or otherwise) for a fee.

HARTFORD HOSPITAL

Medical Research Laboratories

0746 Hartford Hospital
80 Seymour St.
Hartford, Conn. 06115
Tel: (203) 524-2937

AREAS OF INTEREST: Medical research involving biochemistry and biophysics.

HOLDINGS: Small collection of books and periodicals.

INFORMATION SERVICES: Answers inquiries; provides consulting services; permits onsite use of collection. Services are available to researchers in scientific fields.

HARTFORD MEDICAL SOCIETY LIBRARY

0747 230 Scarborough St.

AREAS OF INTEREST: Medicine (all specialties); paramedical sciences; physiology; biology; chemistry; history of medicine.

HOLDINGS: 29,927 books; 196 periodical titles; 500 reports; a special collection on anesthesia; papers of Gershom Bulkeley.

INFORMATION SERVICES: Provides reference and literature-searching services and makes direct loans to members only; provides duplication services for fee and makes interlibrary loans to hospitals and a few industries; permits onsite use of collection by general public.

HARVARD UNIVERSITY

Arnold Arboretum and Gray Herbarium Libraries

0748 Harvard University
22 Divinity Ave.
Cambridge, Mass. 02138
Tel: (617) 868-7600 Ext. 2366

AREAS OF INTEREST: Systematic botany, with emphasis on taxonomy; plant ecology; areas of horticulture and forestry pertaining to temperate zone arboreta; palynology.

HOLDINGS: 90,000 bound volumes; 700 current serials; 48,000 pamphlets; 11,500 microfiche cards. The Arnold Arboretum Library acquires information on woody plants. It has a special collection on the flora of Asia and historical materials consisting of incubula, color-plate books, and rare editions. The Gray Herbarium Library acquires information on herbaceous plants. It also has historical material on taxonomic botany.

PUBLICATIONS: The Arnold Arboretum publishes the *Journal of the Arnold Arboretum* (quarterly), *Arnoldia* (a bulletin of general information concerning projects of the Arboretum, issued 10 times a year), and books. The Gray Herbarium publishes *Contributions* (irregular), as well as reprints of journal articles written by members of its staff. Publication price lists are available.

INFORMATION SERVICES: Identifies plants; provides duplication services for fee; aids botanical bibliography; permits onsite use of collections.

Biological Laboratories Library

0749 Harvard University
16 Divinity Ave.

AREAS OF INTEREST: Plant and animal physiology; genetics; biochemistry; biophysics; cytology; histology; ecology; embryology; endocrinology; microscopic technique.

HOLDINGS: 20,000 bound volumes; 250 periodical subscriptions; 90,000 pamphlets; reports.

PUBLICATIONS: Accessions lists.

INFORMATION SERVICES: Answers inquiries; provides reference services; provides duplication services for fee; makes direct and interlibrary loans, except for periodicals; permits onsite use of collection according to available space.

Economic Botany Library

0750 Harvard University
Botanical Museum
Oxford St.
Cambridge, Mass. 02138
Tel: (617) 495-2358

AREAS OF INTEREST: Economic botany, with emphasis on historical materials.

HOLDINGS: The working collection of the Botanical Museum, the Library contains books, journals, and reports in all major languages, as well as films and maps.

INFORMATION SERVICES: Provides reference and duplication services; makes interlibrary loans of books; permits onsite use of collection.

Farlow Reference Library

0751 Harvard University
20 Divinity Ave.
Cambridge, Mass. 02138
Tel: (617) 868-7600 Ext. 2369

AREAS OF INTEREST: Systematics of algae; mosses; hepaticae; lichens; fungi.

HOLDINGS: 55,000 volumes; 80 journal titles.

INFORMATION SERVICES: Answers inquiries; provides duplication services; permits onsite use of collection.

Francis A. Countway Library of Medicine

0752 Harvard University
10 Shattuck St.
Boston, Mass. 02115
Tel: (617) 734-3300

try; aerospace medicine; Americana; cardiovascular disease; health care; incunabula; medical economics; medical Hebraica and Judaica; medical medals; mental health; neoplastic disease; obstetrics and gynecology; population studies; radiology; surgery.

HOLDINGS: 435,000 volumes of books and bound periodicals; 5,400 periodical subscriptions; 50,000 reports.

PUBLICATIONS: Newsletter, acquisitions lists, *Library Guide*.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, literature-searching, and duplication services; makes referrals; makes direct and interlibrary loans; permits onsite use of collection. Services are available to Harvard students and employees, Boston Medical Library fellows and members, Massachusetts Medical Society fellows, and qualified users at a distance in the New England States. Non-Harvard users pay annual dues for extensive onsite use and for borrowing, and all onsite users pay for duplication services at cost.

Guggenheim Center for Aerospace Health and Safety

0753 Harvard School of Public Health
665 Huntington Ave.
Boston, Mass. 02115
Tel: (617) 734-3300 Ext. 550

AREAS OF INTEREST: Human factors engineering; biotechnology and ergonomics; designing equipment in terms of human abilities and limitations; man-machine systems and systems analysis; visual and auditory presentation of information; design of controls; layout of work places and arrangements of groups of men and machines; industrial and transportation safety, including design for ease of maintenance; effects of environment on human performance; anthropometry; including static and dynamic body measurements for transport vehicles and industrial working areas; environmental standards for aircraft and space vehicles; measurement of the effects of toxic agents on performance, including carbon monoxide (from engine exhaust, fire, and cigarette smoking); oxygen lack at altitude; carbon dioxide; drugs that impair oxidation; alcohol in relation to safety and high altitude.

HOLDINGS: 500 books; 75 periodicals; 2,500 indexes; graphs, tables, reports, slides, bibliographies, newsletters.

PUBLICATIONS: Books, technical and research reports, bibliographies.

INFORMATION SERVICES: Answers inquiries; provides reference, consulting, and bibliographic services; permits onsite use of collection.

Harvard Medical School

Department of Dermatology

0754 Harvard Medical School
Massachusetts General Hospital
Boston, Mass. 02114
Tel: (617) 726-3990

AREAS OF INTEREST: Photobiology; percutaneous absorption; biology of melanin pigmentation and melanomas; keratinization.

HOLDINGS: Complete library of dermatology books and periodicals and 12,000 color transparencies of dermatological disorders in patients.

INFORMATION SERVICES: Answers brief inquiries free; provides consulting services for fee. Services are available to medical and scientific personnel only.

Laboratory of Psychophysics

0755 Harvard University
33 Kirkland St.
Cambridge, Mass. 02138
Tel: (617) 495-3855

AREAS OF INTEREST: Research on hearing, vision, and the other senses; psychoacoustics.

PUBLICATIONS: Periodic progress report, reprints.

INFORMATION SERVICES: The Laboratory answers occasional inquiries or refers them to other institutions that are currently interested in such matters as hearing aids, auditory test materials, etc. It also distributes reprints of articles to a small selected distribution list.

Museum of Comparative Zoology Library

0756 Harvard University
Oxford St.
Cambridge, Mass. 02138
Tel: (617) 495-2475

AREAS OF INTEREST: Zoology; paleontology; stratigraphy; sedimentation; oceanography.

HOLDINGS: 246,000 volumes; about 2,200 periodical titles currently received; special holdings of reports of scientific expeditions. Material is collected in English, Russian, Italian, Spanish, French, German, Chinese, Japanese, and the Scandinavian languages.

PUBLICATIONS: Bulletin; Breviora; Memoirs (1864-1938); *Peters' "Check-list of Birds of the World"*; *Johnsonia* (monographs of the marine mollusks of the Western Atlantic); *Occasional Papers on Mollusks*; *Nuttall Ornithological Club--Bulletin* (1876-1883), Memoirs (1886-1951), Publications (1957-); *Psyche* (journal of entomology); *Proceedings of the New England Zoological Club* (1899-1947); books, annual report. Publication price lists are available.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting and reference services; provides duplication services for fee; makes inter-library loans; permits onsite use of collection. Services are primarily for Museum staff and University community, but are also available to other scientists and scholars.

HAWAII AGRICULTURAL EXPERIMENT STATION

see University of Hawaii

HAWAII DEPARTMENT OF AGRICULTURE

0757 P.O. Box 5425
Honolulu, Hawaii 96814

Location:

1428 South King St.
Honolulu, Hawaii
Tel: (808) 941-3071

AREAS OF INTEREST: Promotion of conservation, development, and utilization of agricultural resources in Hawaii; assistance to Hawaii farmers and others engaged in agriculture by research projects, dissemination of information, crop and livestock reporting service, market news service, and any other means of improving the well-being of those engaged in agriculture and increasing the productivity of the lands; administration of State programs relating to animal husbandry, entomology, farm credit, development of agricultural products, establishment and enforcement of rules and regulations on grading and labeling of agricultural products, and milk control.

HOLDINGS: Technical reports, standards and specifications.

PUBLICATIONS: *Hawaii Weekly Weather & Crop Bulletin*; *Market News--Fresh Fruits and Vegetables* (triweekly; Wednesday's issue includes livestock

and Friday's includes flowers); various monthly, quarterly, and annual crop and livestock reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; identifies plants and animals; permits onsite use of collection.

HAWAII DEPARTMENT OF HEALTH

0758 P.O. Box 3378
Honolulu, Hawaii 96801

Location:

Kinau Hale Bldg.
1250 Punchbowl St.
Honolulu, Hawaii
Tel: (808) 548-6505

AREAS OF INTEREST: Chronic and communicable diseases; comprehensive health planning; dental health; environmental health; health education; health statistics; laboratory and medical health services; mental health; mental retardation; children's health services; county/State hospitals.

HOLDINGS: Records of all births, deaths, and marriages since 1896; data collections of vital statistics, morbidity, and reportable diseases; tumor registry; health surveillance studies; population data; patient data; pollution data; a film library of 800 health-related reels.

PUBLICATIONS: *Department of Health Annual Report*; *Department of Health Statistical Report* (annual); *Hawaii Health Messenger* (bimonthly).

INFORMATION SERVICES: Answers all inquiries relating to public health; provides speakers to schools, groups, and organizations; lends health-related films; disseminates pamphlets, booklets, fact sheets, and other material in English, Filipino, Samoan, Chinese, and Japanese; makes referrals. All services and materials are free of charge.

HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES

Division of Fish and Game

0759 Hawaii Department of Land and Natural Resources
530 South Hotel St.
Honolulu, Hawaii 96813
Tel: (808) 548-2811

AREAS OF INTEREST: Development and management of Hawaii aquatic and terrestrial wildlife; hunting; commercial and sport fishing; fish and game law enforcement; water quality; fish diseases; fish and wildlife kills due to chemicals.

HOLDINGS: Fish and wildlife specimens; fish, bird, and mammal trapping devices; 24,000 data compilations of commercial fish catch reports; 2,100 photos; 800 slides; films, books, periodicals, reports, pamphlets, newsletters, maps, charts, posters, graphs, tables, reprints, press releases.

PUBLICATIONS: Departmental annual report, special reports, pamphlets.

INFORMATION SERVICES: Answers inquiries; provides consulting services; identifies wildlife and fish species and fish diseases; makes referrals. Services are available to the public to the extent feasible with staff time and facilities.

HAWAII INSTITUTE OF MARINE BIOLOGY

see University of Hawaii

HAWAII MEDICAL LIBRARY, INC.

0760 1221 Punchbowl St.
Honolulu, Hawaii 96813
Tel: (808) 536-9302 or 536-9303

AREAS OF INTEREST: All aspects of medicine.

HOLDINGS: 8,000 books; 30,000 journals, including a special collection of Oriental medical journals; reports, films, photos, data.

PUBLICATIONS: Newsletter.

INFORMATION SERVICES: Answers inquiries; provides reference, consulting, literature-searching, and duplication services; makes interlibrary loans. The collections may be used onsite by the public, but borrowing privileges are available only to members of supporting organizations.

HAWAIIAN ACADEMY OF SCIENCE

0761 Bernice P. Bishop Museum
1355 Kalihi St.
Honolulu, Hawaii 96819
Tel: 847-3511

AREAS OF INTEREST: General sciences; pineapples.

HOLDINGS: Reports.

PUBLICATIONS: *Proceedings of the Hawaiian Academy of Science* (annual).

INFORMATION SERVICES: Makes referrals; permits onsite use of collection; sponsors science fairs, visiting scientists' programs, student science seminars, and semiannual symposia on the impact of science on society and on problems of common interest to scientists and laymen; through the Inter-Society Science Education Council, serves local sections of the various national scientific and technical societies as a clearinghouse for science education activities.

HAWAIIAN ENTOMOLOGICAL SOCIETY

0762 1527 Keeaumoku St.
Honolulu, Hawaii 96814
Tel: (808) 564-543

AREAS OF INTEREST: Entomology, particularly Hawaiian entomology.

HOLDINGS: Books, journals, reports, nonprinted material.

PUBLICATIONS: *Proceedings of the Hawaiian Entomological Society* (annual).

INFORMATION SERVICES: Permits onsite use of collection.

HAY FEVER PREVENTION SOCIETY, INC.

0763 2300 Sedgwick St., Suite 2-G
Rosewall Gardens
Bronx, N.Y. 10468
Tel: (212) 295-1069

AREAS OF INTEREST: Hay fever prevention; ragweed pollen control and eradication.

HOLDINGS: Ragweed specimens, posters and other display materials, project records, tables, technical reports, monographs, journals, newsletters, reprints, pamphlets, press releases, clippings.

PUBLICATIONS: Pamphlets, booklets, leaflets, brochures.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and duplication services; makes interlibrary loans; permits onsite use of collection.

HEALTH AND HOSPITAL CORP. OF MARION COUNTY, IND.

Division of Public Health

0764 Health and Hospital Corp. of Marion County, Ind.
1841 City-County Bldg.
Indianapolis, Ind. 46204
Tel: (317) 633-3743

AREAS OF INTEREST: Public health, including preventive medical sciences, public health nursing, and environmental sanitation.

HOLDINGS: Annual reports since 1955.

PUBLICATIONS: Annual report.

INFORMATION SERVICES: Answers inquiries.

HEALTH, EDUCATION, AND WELFARE, DEPARTMENT OF

Public Health Service

Food and Drug Administration

BUREAU OF DRUGS

Medical Library

0765 Bureau of Drugs, BD-45
Food and Drug Administration
5600 Fishers Lane
Rockville, Md. 20852
Tel: (301) 443-3182

AREAS OF INTEREST: Adverse effects of drugs, medical devices, cosmetics, household chemicals, and feed and food additives; packaging and containers for above items; natural occurrence of food toxicants; photosensitization; medication errors; pharmacogenetics; contaminants of foods, drugs, and cosmetics; drug therapy.

HOLDINGS: Books, periodicals, microfilm, audio equipment, extensive card indices to toxicants and adverse effects literature.

PUBLICATIONS: Abstracts (monthly); bibliographies (irregular); directories and announcements of periodicals in holdings.

INFORMATION SERVICES: Answers inquiries; provides reference, literature-searching, abstracting, and translation services; makes interlibrary loans. Reference services to non-FDA personnel are limited.

The Library has on-line computer literature searching and other computer facilities.

BUREAU OF FOODS

Editorial Office

0766 Bureau of Foods, BF-107
Food and Drug Administration
200 C St. SW.
Washington, D.C. 20204
Tel: (202) 963-7171

AREAS OF INTEREST: Technical editing and writing services for all FDA scientific personnel; editing, clearance, and revision of manuscripts by FDA scientists to appear in the scientific literature. All scientific disciplines and areas involved in FDA programs are covered.

HOLDINGS: Copies of scientific manuscripts produced by FDA personnel back through 1964.

PUBLICATIONS: *FDA By-Lines* (bimonthly, about 50 pages per issue); *Selected Technical Publications* (reprint compilation published twice yearly, about 500 pages per issue); bibliographies (irregular). A publications list is available.

INFORMATION SERVICES: Answers inquiries; makes referrals. The publications listed above are available on request to libraries and scientific laboratories.

Technical Operations Staff

0767 Bureau of Foods, BF-30
Food and Drug Administration
200 C St. SW.
Washington, D.C. 20204
Tel: (202) 962-3883

AREAS OF INTEREST: Chemical and biological data pertaining to food additive substances for petition reviews, cosmetic products, and GRAS (Generally Recognized As Safe) substances.

HOLDINGS: Data on 4,000 chemical compounds pertaining to food additives, 25,000 formulations pertaining to cosmetic chemicals, and 1,000 chemical compounds pertaining to GRAS substances used in food processing. The file contains chemical names and Chemical Abstracts registry numbers; it provides chemical and biological information for reviewing new petitions. Peripheral files contain data on biological activity and toxicology. Output is in the form of abstracts, citations, Chemical Abstracts registry numbers, and toxicological data with an estimated turn-around time of four days. The files are available to Federal agencies on a limited basis for nonproprietary information.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and abstracting services; makes referrals.

BUREAU OF PRODUCT SAFETY

Compliance Programs Staff

0768 Bureau of Product Safety
Food and Drug Administration
5600 Fishers Lane
Rockville, Md. 20852
Tel: (301) 496-7631

AREAS OF INTEREST: Regulations governing dispensing of foods, drugs, cosmetics, and hazardous substances; violations of such regulations.

INFORMATION SERVICES: Answers inquiries; provides advisory services.

National Clearinghouse for Poison Control Centers

0769 Bureau of Product Safety
Food and Drug Administration
200 C St. SW.
Washington, D.C. 20204
Tel: (202) 962-8027

AREAS OF INTEREST: Poisoning from household products and drugs or medicine; antidotes and recommended treatment; ingredients of drugs and hazardous household products.

HOLDINGS: Thousands of poison reports. Data on antidotes and ingredients of new products are supplied by more than 200 manufacturers of drugs and household products.

PUBLICATIONS: *Bulletin of the National Clearinghouse for Poison Control Centers* (bimonthly); *Directory of Poison Control Centers*.

INFORMATION SERVICES: Answers inquiries; provides affiliated poison control centers with information regarding antidotes and ingredients of products. The directory of affiliated poison control centers can be purchased from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. It includes all centers in the United States which have been appointed and are recognized by their respective State Health Departments. The centers provide for the medical profession, on a 24-hour basis, information concerning the prevention and treatment of accidents involving ingestion of poisonous and potentially poisonous substances.

Division of Veterinary Medical Research

0770 Food and Drug Administration
Agricultural Research Center
Beltsville, Md. 20705
Tel: (301) 474-4800 Ext. 275

AREAS OF INTEREST: Mycotoxins, including their production, isolation, assay, animal toxicity and pathology, and tissue assays for their presence; veterinary drug toxicities (animal experimentation, tissue residues, and clinical and histopathological studies).

HOLDINGS: Stock culture of mycotoxin-producing molds; histopathological sections; numerous color slides; 65 periodicals received regularly; over 600 books and technical reports.

PUBLICATIONS: Standards and specifications, reports.

INFORMATION SERVICES: Answers inquiries.

OFFICE OF EDUCATION AND CONSUMER AFFAIRS

Information Center

0771 Office of Education and Consumer Affairs
Food and Drug Administration
5600 Fishers Lane
Rockville, Md. 20852
Tel: (301) 443-4238

AREAS OF INTEREST: Federal regulations concerning safety, packaging, efficacy, manufacture, labeling, toxicity, adverse or side effects, and contaminants of food, drugs, and cosmetics.

PUBLICATIONS: Reports, abstracts, informational and educational materials, "Fact Sheets", reprints. A publications list is available.

INFORMATION SERVICES: Answers inquiries; disseminates information to health educators, executives in food and drug industries, and professional personnel; provides duplication services for fee; makes referrals; distributes publications, some at cost.

Health Services and Mental Health Administration

ENVIRONMENTAL MANAGEMENT**Arctic Health Research Center**

0772 U.S. Public Health Service
Fairbanks, Alaska 99701
Tel: (907) 479-2211

The Arctic Health Research Center is comprised of three main branches and an Office of Health Intelligence. The three main branches are the Biomedical Sciences Branch, the Environmental Sciences Branch, and the Behavioral Sciences Branch.

AREAS OF INTEREST: Man's health and well-being in the arctic and subarctic environments, with emphasis on adaptive mechanisms and other physiological responses to arctic conditions; identification and alleviation of major health problems, including those common in or peculiar to the native population (Indian, Aleut, Eskimo); identification and control of arthropods of health significance; identification of zoonoses, elucidation of their biology, and the formulation of methods for their control; arctic and subarctic aspects of environmental health engineering, including water supply, storage, and treatment, solid waste collection and disposal, air quality and pollution control, individual household waste disposal systems, and native housing; behavioral sciences, including anthropology and psychiatry, and the effects of social change and urbanization on native health.

HOLDINGS: Extensive library of professional and scientific books, journals, and other reference materials.

PUBLICATIONS: Results of research published in journals and technical reports. A publications list is available.

INFORMATION SERVICES: Answers inquiries; provides consulting services to Federal, State, and local agencies; presents talks and lectures on current research.

An experimental animal wing for the study of animal-borne diseases and facilities for controlled temperature studies are included in the Center's laboratories.

CENTER FOR DISEASE CONTROL**Office of Information**

0773 Center for Disease Control
U.S. Public Health Service
Atlanta, Ga. 30333
Tel: (404) 633-3286

The Center for Disease Control was formerly known as the National Communicable Disease Center.

control techniques and equipment; diagnosis, surveillance, and prevention of communicable diseases; foreign and interstate quarantine activities; epidemic and disaster aid; epidemiology; venereal diseases; upgrading performance and licensure of clinical laboratories engaged in interstate commerce.

PUBLICATIONS: *Morbidity and Mortality Weekly Report*.

INFORMATION SERVICES: Answers inquiries; makes referrals to the Center's branches or field stations; distributes reprints of papers in various subject areas to a selected mailing list.

National and International Designations

0774 Center for Disease Control
U.S. Public Health Service
Atlanta, Ga. 30333
Tel: (404) 633-3286

AREAS OF INTEREST: These are reflected in the following national and international designations: Regional Reference Center for Rabies in the Americas; National Listeria Typing Center; National Reference Center for Bacteriophage Typing of Staphylococci; National Streptococcal Disease Center; National Center for Enteric Phage Typing; National Salmonella Center; National Escherichia Center; National Shigella Center; International Shigella Center; Regional Reference Center for Smallpox; International Influenza Center for the Americas; Regional Reference Center for Respiratory Virus Diseases Other Than Influenza; Regional Reference Center for Enteroviruses; Regional Reference Center for Arboviruses; Regional Reference Center for *Mycobacterium leprae*; International Reference Center for Lipid Determination in Cardiovascular Research; International Reference Center for Evaluation and Testing of New Insecticides; Serologic Reference Center for Syphilis.

INFORMATION SERVICES: Answers inquiries regarding the laboratory procedures for identification of the above diseases.

COMMUNITY HEALTH SERVICE

Division of Analysis and Evaluation

Coordinator for Aging

0775 Community Health Service, HSMHA

Rockville, Md. 20852
Tel: (301) 443-1863

AREAS OF INTEREST: Health of the aged; specialized health services for the aged and aging; educational materials and programs for health personnel serving the aged.

HOLDINGS: Program reports; information on health programs and activities for the aged.

PUBLICATIONS: *Working With Older People: A Guide to Practice* (4-volume series: Vol. I: *The Practitioner and the Elderly*; Vol. II: *Biological, Psychological, and Sociological Aspects of Aging*; Vol. III: *The Aging Person: Needs and Services*; Vol. IV: *Clinical Aspects of Aging*).

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; conducts exhibits at professional meetings.

Division of Health Care Services

Office of Group Practice Development

0776 Community Health Service, HSMHA
Division of Health Care Services
Parklawn Bldg., Room 6A-30
5600 Fishers Lane
Rockville, Md. 20852
Tel: (301) 443-1280

AREAS OF INTEREST: Promotion of the development of medical group practices (multi-specialty associations of physicians and health professionals offering preventive, diagnostic, and treatment services in a single location on a continuing basis; prepaid as well as fee-for-service groups are encouraged).

HOLDINGS: Reports, pamphlets, articles, films, exhibits.

PUBLICATIONS: *Medical Group Practice*; *Promoting the Group Practice of Medicine*; *Multi-Specialty Group Practice and the Future of Medicine*; *The Relevance of Prepaid Group Practice to the Effective Delivery of Health Services*; *Planning and Implementation of the Community Health Foundation of Cleveland, Ohio*; and others.

INFORMATION SERVICES: Answers inquiries; provides material and guidance; presents exhibits at professional meetings. Motion pictures are available on loan from the National Medical Audiovisual Center Annex, Public Health Service, Station K, Atlanta, Ga. 30324.

Division of Health Resources

Home Health Branch

0777 Community Health Service, HSMHA
Division of Health Resources
Parklawn Bldg., Room 7A-30
5600 Fishers Lane
Rockville, Md. 20852
Tel: (301) 443-1460

AREAS OF INTEREST: Professional care at home for the convalescent patient, the chronically ill, and the aged; nursing; nutrition; physical, speech, and occupational therapy; medical social services; home health aide services; dental home care plans.

HOLDINGS: Technical reports, books, pamphlets.

PUBLICATIONS: *Guide for Development and Administration of Coordinated Home Care Programs*; *Medical Care in Your Community*; *Comprehensive Care Services in Your Community*; other publications and pamphlets related to home care.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; conducts exhibits at professional meetings; permits onsite use of literature collection.

Nursing Home Branch

0778 Community Health Service, HSMHA
Division of Health Resources
Parklawn Bldg., Room 7A-42
5600 Fishers Lane
Rockville, Md. 20852
Tel: (301) 443-1450

AREAS OF INTEREST: Professional care in nursing homes; extended care and related facilities providing restorative services for convalescent patients in a home-like environment most beneficial to rehabilitative efforts; around-the-clock licensed nursing care; physician and diagnostic services; other comprehensive supportive services, including dietary, restorative (physical, speech, occupational therapy), patient activities, pharmaceutical, dental, and social services.

HOLDINGS: Technical reports, books, pamphlets, slides, films.

PUBLICATIONS: *Nursing Home Fact Book*; *Make Each Person Count--A Guide for Nursing Home Administrators*; *Nursing Homes--Environmental Health Factors*; *How to Organize a Health Record System*; *Long-Term Care Facility Administration--Case Study Manual*; *A Guide to Nutrition and Food Service for*

Nursing Homes and Homes for the Aged; *Food Service in Nursing Homes and Related Facilities*; *Activities Supervisor's Guide--A Handbook for Activities Supervisors in Long-Term Care Facilities*; other publications and pamphlets focused on nursing homes and related facilities.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; presents exhibits at professional meetings; permits onsite use of literature collection.

FEDERAL HEALTH PROGRAMS SERVICE

Office of Information

0779 Federal Health Programs Service, HSMHA
Parklawn Bldg., Room 14A-8
5600 Fishers Lane
Rockville, Md. 20852
Tel: (301) 443-2520

The Federal Health Programs Service consists of the Public Health Service system of hospitals and clinics, the Division of Emergency Health Services, the Division of Federal Employee Health, and medical programs of the Bureau of Prisons and the U.S. Coast Guard. It has eight general hospitals located at Baltimore, Md., Boston, Mass., Galveston, Tex., New Orleans, La., Norfolk, Va., San Francisco, Calif., Seattle, Wash., and Staten Island, N.Y.; one specialty hospital located at Carville, La., for the treatment of leprosy patients; 30 outpatient clinics; and 215 contract physicians. The hospital-clinic system seeks to offer comprehensive health care of high quality to those eligible to receive treatment at PHS facilities, including American seamen, officers and enlisted men of the U.S. Coast Guard and their dependents, military personnel and their dependents, and Federal employees who are injured on the job or become ill as a result of their work.

AREAS OF INTEREST: Public Health Service hospitals and clinics; comprehensive health care; basic and clinical biomedical research; training for health careers; improvement in delivery of health services and in emergency health services; industrial medicine.

PUBLICATIONS: List of PHS hospitals, outpatient clinics, and contract physicians' offices.

INFORMATION SERVICES: Answers inquiries; provides consulting services. The hospital-clinic system offers training in a wide variety of health careers ranging from postgraduate physician education to training of health aides, and participates in many projects aimed at improving the delivery of health services in communities where its facilities are located. It stresses the conduct of health services research as an integral part of its own operations as a health care

NATIONAL CENTER FOR HEALTH SERVICES RESEARCH AND DEVELOPMENT

Health Care Technology Division

- 0780** National Center for Health Services Research and Development
U.S. Public Health Service
Parklawn Bldg., Room 15A-55
5600 Fishers Lane
Rockville, Md. 20852
Tel: (301) 443-2900

AREAS OF INTEREST: Hospital information systems; biomedical technology; computer pattern recognition; automated patient monitoring (physiological).

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Technical reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

Office of Scientific and Technical Information

- 0781** National Center for Health Services Research and Development
U.S. Public Health Service
5600 Fishers Lane
Rockville, Md. 20852
Tel: (301) 443-2800

The Office of Scientific and Technical Information is principally interested in stimulating and publishing research papers that contribute significant findings in any of the components of health care delivery systems.

AREAS OF INTEREST: Scientific and technical information on health care delivery systems.

HOLDINGS: Reference collection of all final reports returned from NCHSRD research projects.

PUBLICATIONS: Research reports.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services.

NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH

Scientific Reference Service

- 0782** National Institute for Occupational Safety and Health
1014 Broadway

AREAS OF INTEREST: Occupational health; industrial hygiene; toxicology and hazards of industrial materials and conditions; chemical, engineering, nursing, medicinal, and physiological aspects of occupational health hazards; prevention and treatment of injurious effects on health; poisonous gases, vapors, mist, and dust; radiation; heat and humidity; noise; effects of pesticides.

HOLDINGS: 3,000 books; 4,000 bound volumes of journals; 250 periodical titles; 20,500 items in vertical file of reports, bulletins, pamphlets, company literature, etc.; 600 subject heading special files; slides, filmstrips, films.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting, reference, literature-searching, and abstracting services.

NATIONAL INSTITUTE OF MENTAL HEALTH

Division of Narcotic Addiction and Drug Abuse

NIMH Addiction Research Center

- 0783** Box 2000
Lexington, Ky. 40507
Tel: (606) 255-6812 Ext. 22

AREAS OF INTEREST: Drug addiction; drug abuse; pharmacology; psychopharmacology; neuropharmacology; neurochemistry.

HOLDINGS: 1,800 books; 160 periodical titles; 11,200 reprints.

PUBLICATIONS: Books, reports, reprints.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes interlibrary loans.

Facilities include a microfilm reader-printer.

NIMH Clinical Research Center

- 0784** Box 2000
Lexington, Ky. 40507
Tel: (606) 255-6812 Ext. 17

AREAS OF INTEREST: Drug abuse and dependency.

HOLDINGS: 5,000 books; 100 periodical titles; reports.

PUBLICATIONS: Bibliographies.

INFORMATION SERVICES: Answers inquiries; provides tours of Center by prior arrangement (limited to groups above junior high school age).

Mental Health Study Center Library

0785 National Institute of Mental Health
2340 University Blvd. East
Adelphi, Md. 20783
Tel: (301) 422-8811

AREAS OF INTEREST: Psychiatry; psychology; sociology; social work; nursing; anthropology; education.

HOLDINGS: 1,000 books; 100 periodical titles; 500 reports.

INFORMATION SERVICES: Provides reference and limited duplication services; permits onsite use of collection.

National Center for Mental Health Services, Research, and Training**Saint Elizabeths Hospital Professional Library**

0786 2800 Martin Luther King Ave. SE.
Washington, D.C. 20032
Tel: (202) 562-4000 Ext. 318 or 308

AREAS OF INTEREST: Psychiatry; psychology; psychoanalysis; all modern phases of the treatment of mental disease, including group therapy, behavioral studies, forensic psychiatry, and psychodrama; therapeutic, rehabilitative, and protective treatment of mental disease; multidisciplinary clinical training of professional and other personnel in mental health activities; coordinated research programs and projects to obtain a better understanding of the causes of mental disorders and the factors bearing upon their development, treatment, and possible prevention; social work; nursing; medicine; surgery; neurology; geriatrics; religion.

HOLDINGS: 20,000 bound volumes; 397 journal titles; 20,000 bulletins, reports, and other documents.

INFORMATION SERVICES: Answers inquiries; provides reference, literature-searching, consulting, and duplication services; makes referrals; makes direct and interlibrary loans.

National Clearinghouse for Mental Health Information

0787 Office of Communications
National Institute of Mental Health
5600 Fishers Lane
Rockville, Md. 20852
Tel: (301) 443-4573

The Clearinghouse's major functions are to acquire all information in the field of mental health and to process it by means of such techniques as cataloging, abstracting, extracting, translating, indexing, coding, and storing for retrieval.

AREAS OF INTEREST: All areas of mental health and mental illness, including: aging; alcoholism; behavioral sciences, including personality studies; civil disorders, including mass violence, riots, strikes, and political assassination; community mental health; crime and delinquency; depression; deprivation; drug dependence and abuse; education; group psychotherapy; intelligence studies; mental health legislation and law; mental health nursing; mental retardation; model cities; neurosciences as related to mental health; occupational mental health; psychiatry; psychology; psychopharmacology; psychosomatic medicine; psychotherapy; rehabilitation; religion and mental health; rural mental health; schizophrenia; social problems, including socioeconomic studies, socioenvironmental studies, social welfare, and family relations; suicide; and urban mental health.

HOLDINGS: Over 90,000 reports and other documents; over 1,000 periodical titles; books, directories, handbooks, bibliographies, classified archives of the alcohol literature.

PUBLICATIONS: *Mental Health Digest* (monthly); *Psychopharmacology Abstracts* (monthly); *Crime and Delinquency Abstracts* (bimonthly); annotated bibliographies, directories.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting, reference, literature-searching, and abstracting services. Services are provided free to anyone professionally concerned with the field of mental health.

Facilities include a microfilm reader-printer and an IBM 360 computer.

Office of Communications**National Clearinghouse for Drug Abuse Information**

0788 National Institute of Mental Health
5600 Fishers Lane
Rockville, Md. 20852
Tel: (301) 443-4443

AREAS OF INTEREST: Drug abuse and drug dependence.

HOLDINGS: 1,000 reports; books, periodicals.

PUBLICATIONS: Abstracts, reports, bibliographies, directories.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, literature-searching, and abstracting services; makes referrals.

Public Inquiries

- 0789** Office of Information
Health Services and Mental Health
Administration
5600 Fishers Lane
Rockville, Md. 20852
Tel: (301) 443-2134

AREAS OF INTEREST: Health Services and Mental Health Administration activities and programs, including: Center for Disease Control; Community Health Service; Federal Health Programs Service; Health Care Facilities Service; Indian Health Service; Maternal and Child Health Service; National Center for Family Planning Services; National Center for Health Statistics; National Center for Health Services Research and Development; National Institute of Mental Health; and Regional Medical Programs Service.

HOLDINGS: Archives copy of all Public Health Service numbered publications, Public Health Bulletins, P.H.S. Public Health Reports, P.H.S. Weekly Public Health Reports, P.H.S. Hygienic Laboratory Bulletins, Public Health Monographs, and approximately 900 current Health Services and Mental Health Administration publications.

PUBLICATIONS: A semiannual *List of Health Information Leaflets, Pamphlets, and Publications of the Health Services and Mental Health Administration*; a semiannual catalog of *Publications of the Health Services and Mental Health Administration*.

INFORMATION SERVICES: Answers inquiries; makes referrals. This office is the primary source of information on all programs of the Health Services and Mental Health Administration.

REGIONAL MEDICAL PROGRAMS SERVICE

National Clearinghouse for Smoking and Health

Technical Information Center

- 0790** National Clearinghouse for Smoking and Health
Parklawn Bldg., Room 11-A-45
5600 Fishers Lane
Rockville, Md. 20852
Tel: (301) 443-1374

all scientific and technical information in the biomedical sciences as it relates to smoking, particularly cigarette smoking, and its influence on human health, with special emphasis on cardiovascular disease, chronic bronchopulmonary diseases, cancer, and certain conditions of pregnancy; collection and review of all behavioral literature, with emphasis on helping people to stop smoking.

HOLDINGS: Over 17,000 items, including monographs, published papers, legislative hearings, and committee reports; about 2,000 items on microfilm (also available in hard copy). The bulk of the collection consists of material published since the late 1950's.

PUBLICATIONS: *Smoking and Health Bulletin* (includes abstracts, published irregularly, about 10 issues, 2,000 items annually); *Smoking and Health Bibliography* (annual); *Directory of Ongoing Research in Smoking and Health* (biannual); *Health Consequences of Smoking, a Public Health Service Review* (annual); various pamphlets and brochures for the general public; films and filmstrips.

INFORMATION SERVICES: Answers inquiries; makes referrals; makes interlibrary loans; prepares special bibliographies on request; permits access to the collection by qualified individuals by appointment. Single copies of most items in the collection are available for research purposes.

Office of Communications and Public Information

- 0791** Office of the Director
Regional Medical Programs Service
U.S. Public Health Service
5600 Fishers Lane, Room 11-05
Rockville, Md. 20852
Tel: (301) 443-1500

AREAS OF INTEREST: Programs to improve the quality and availability of health care, especially as concerns heart disease, cancer, stroke, kidney disease, and other related diseases.

PUBLICATIONS: *News, Information and Data* (issued periodically); *Selected Bibliography of Regional Medical Programs* and *Cumulative Index of News, Information and Data* (both issued irregularly); other booklets and pamphlets.

INFORMATION SERVICES: Answers inquiries; provides consulting services to health agencies and communities interested in preventive medicine projects; makes referrals; disseminates single complimentary copies of publications.

National Institutes of Health**BUREAU OF HEALTH MANPOWER
EDUCATION****Office of Information**

0792 Bureau of Health Manpower Education
National Institutes of Health
9000 Rockville Pike
Bethesda, Md. 20014
Tel: (301) 496-6011

AREAS OF INTEREST: Health manpower needs, resources, education, and training; grants, loans, and programs supporting the improvement of the educational process in the nation to increase the supply and improve the quality of professional and allied health manpower; health research resources and facilities; utilization and distribution of health manpower.

HOLDINGS: Reference collections which provide data for the development, interpretation, coordination, and evaluation of health manpower education information; a library containing about 350 journals, 4,000 cataloged items, a collection of State Health Department materials relating to health manpower, and vertical files.

PUBLICATIONS: *The Health Professions Educational Assistance Program* (Report to the President and the Congress, September 1970); *Health Manpower Perspective: 1967*; "Manpower Supply and Educational Statistics for Selected Health Occupations: 1968" (Section 20 of *Health Manpower Source Book*).

INFORMATION SERVICES: Answers inquiries; disseminates publications.

Division of Allied Health Manpower

0793 Bureau of Health Manpower Education
National Institutes of Health
9000 Rockville Pike
Bethesda, Md. 20014
Tel: (301) 496-5655

AREAS OF INTEREST: Education and training of allied health professions personnel at the associate degree level and above; graduate level training of health personnel for careers in public health and allied health professions educators, administrators, supervisors, and nonresearch specialists.

HOLDINGS: Collection of information about allied health professions, including educational requirements, sources of training, and professional associations.

PUBLICATIONS: *Report to the President and Congress on the Allied Health Professions Personnel Training Act of 1966, as amended; Equivalency and Proficiency Testing, A Survey of Existing Testing Programs in Allied Health and Other Health Fields; Accreditation and Certification in Relation to Allied Health Manpower*; information leaflets and grants programs.

INFORMATION SERVICES: Provides general information about education and training in allied health and public health professions to interested individuals; provides consulting services to persons responsible for developing training programs.

Division of Dental Health**Dental Health Center**

0794 Division of Dental Health
Bureau of Health Manpower Education
National Institutes of Health
14th Ave. and Lake St.
San Francisco, Calif. 94118
Tel: (415) 752-2560

AREAS OF INTEREST: Education research; social studies; training of dental and parodontal faculties; manpower studies; public education research and demonstration projects.

HOLDINGS: Collection of books, periodicals, and reports.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; provides consulting and duplication services; lends materials; permits onsite use of collection. Services are usually provided free, but consultation may require reimbursement for travel, per diem, etc.

Information Office

0795 Division of Dental Health
Bureau of Health Manpower Education
National Institutes of Health
9000 Rockville Pike
Bethesda, Md. 20014
Tel: (301) 496-1106

AREAS OF INTEREST: Dentistry; prevention and control of dental diseases; dental public health practice; manpower; socioeconomic factors in dental health; research, development, evaluation, and training in educational methods and systems; dental care systems development; utilization and training of expanded function dental auxiliaries; collection of and reporting on manpower data.

HOLDINGS: A reference collection of books, journals, and other publications in the dental field.

PUBLICATIONS: Pamphlets on dental health.

INFORMATION SERVICES: Answers inquiries; makes referrals; disseminates pamphlets.

Division of Manpower Intelligence

0796 Bureau of Health Manpower Education
National Institutes of Health
9000 Rockville Pike
Bethesda, Md. 20014
Tel: (301) 496-6577

AREAS OF INTEREST: Information and data on national health manpower supply and demand essential to meeting national health manpower goals.

PUBLICATIONS: Five report series: *Health Manpower Data Series* (survey findings and data compilations on health manpower educational institutions and training programs and related manpower data); *Analytical Studies Series* (monographs and other problem-oriented studies dealing with health manpower education, supply, and requirements); *Research and Development Series* (technical papers concerned with the development of improved analytic methods and techniques for use in studies of health manpower education); *BHME Program Series* (listings, statistics, and analyses of BHME grant and loan programs, other BHME operations, and related programs); and *Health Manpower Clearinghouse Series* (recurring and special publications designed to improve utilization of health manpower information). Other publications are: *Health Manpower in Hospitals*; *Selected Training Programs for Physician Support Personnel* (semiannual); *Proceedings and Report of the Conference on a Health Manpower Simulation Model* (2 vols.); and *How Medical Students Finance Their Education*.

INFORMATION SERVICES: Answers inquiries; makes referrals; disseminates publications.

Division of Nursing

0797 Bureau of Health Manpower Education
National Institutes of Health
Bethesda, Md. 20014

AREAS OF INTEREST: Education of nurses; financial and consultative aid to schools of nursing, graduate and undergraduate students, and local and regional groups to increase the nurse work force and to improve the quality of care nurses give patients.

HOLDINGS: Data on number and characteristics of registered nurses in practice, nursing students, and practical nurses; projections of future nursing needs; data on trends in nursing educational programs.

PUBLICATIONS: Monographs and articles on nursing skills, manpower, education, and research; publications describing aid to nursing schools and students. A publications list is available.

INFORMATION SERVICES: Provides single copies of publications free of charge.

Division of Physician and Health Professions Education

Information Office

0798 Division of Physician and Health Professions Education
Bureau of Health Manpower Education
National Institutes of Health
9000 Rockville Pike
Bethesda, Md. 20014
Tel: (301) 496-6845

AREAS OF INTEREST: Education in the fields of medicine, osteopathy, dentistry, optometry, pharmacy, podiatry, and veterinary medicine.

HOLDINGS: Booklets, leaflets, reprints of articles prepared by staff and contractors.

PUBLICATIONS: Material that explains the Division's mission.

INFORMATION SERVICES: Answers inquiries.

DIVISION OF BIOLOGICS STANDARDS

0799 National Institutes of Health
Bethesda, Md. 20014
Tel: (301) 496-3343 (Public Information Office)
(301) 496-2245 (Scientific Communications Office)

AREAS OF INTEREST: Administration of those provisions of the Public Health Service Act concerned with the Federal licensing and control of biologic products that are offered for sale in interstate commerce or for export or import.

PUBLICATIONS: *Establishments and Products Licensed Under Section 351 of the Public Health Service Act* (PHS Publication No. 50, with supplements); *Public Health Service Regulations for Biological Products* (PHS Publication No. 437, with revisions and supplements).

INFORMATION SERVICES: Inquiries regarding the Division's research and control programs should be directed to the Division's Public Information Office. Inquiries regarding scientific publications should be directed to the Division's Scientific Communications Office.

DIVISION OF COMPUTER RESEARCH AND TECHNOLOGY

Scientific and Technical Information Office

800 Division of Computer Research and
Technology
National Institutes of Health
9000 Rockville Pike
Bethesda, Md. 20014
Tel: (301) 496-6203

AREAS OF INTEREST: Computer systems (software and hardware); medical information systems; heuristics (artificial intelligence); application of mathematics and mathematical statistics in biomedical research.

HOLDINGS: A technical library of 300 bound volumes and 175 periodicals; a manuscript collection of approximately 250 items concerning research projects carried out by the Division.

PUBLICATIONS: Seven technical reports: *A User's Guide to Least Squares Model Fitting*, *Digital Analyses of Hemodynamic Data*, *Programmer's Manual for Calcomp Plotting*, *Time Series Analysis: Theory and Practice*, *Modelaide: A Computer Graphics Program for the Evaluation of Mathematical Models*, *The On-Line Modeling System*, and *Recursive Macro Actuated Generator*; a brochure titled *Computers: Tools for the Advancement of Medicine*.

INFORMATION SERVICES: Qualified scientists and students may have access to the library. The library makes interlibrary loans. All laboratories and branches of the Division provide consulting services to Government agencies and collaborate on computer problems with scientists in other fields.

DIVISION OF RESEARCH GRANTS

801 National Institutes of Health
448 Westwood Bldg.
Bethesda, Md. 20014
Tel: (301) 496-7441

AREAS OF INTEREST: Grant and award programs of the Public Health Service, including the National Institutes of Health.

HOLDINGS: Data banks on all major aspects (including scientific content) of grants and awards of the Public Health Service, including the National Institutes of Health.

PUBLICATIONS: *Public Health Service Grants and Awards*; *Research Grants Index*. A publications list is available.

INFORMATION SERVICES: General inquiries about PHS research grant and award programs should be directed to the Information Office of the Division of Research Grants. Inquiries on the scientific content of grants and awards should be directed to the Research Documentation Section of the Division of Research Grants.

DIVISION OF RESEARCH RESOURCES

0802 National Institutes of Health
Building 31, Room 4B-03
Bethesda, Md. 20014
Tel: (301) 496-5545

AREAS OF INTEREST: Biomedical research, including general clinical research, laboratory animal medicine, primate research and general support programs, and biomedical computing involving mass spectrometry, nuclear magnetic resonance spectrometry, and high voltage electron microscopy.

PUBLICATIONS: *Fellowships and Training Programs in Laboratory Animal Medicine and Science*, *Guide for Laboratory Animal Facilities and Care* (PHS Pub. 1024, NIH-70-23); *Regional Primate Research Centers--The Creation of a Program*; *NIH Primate Research Centers: A Major Scientific Resource* (NIH-71-95); *The Plus of Better Research-Animal Resources* (NIH-67-20); *General Clinical Research Centers Program of the National Institutes of Health* (PHS 1123); *Division of Research Resources Folder No. 10* (NIH-71-92); *Research Advances in Human Transplantation* (NIH-70-22); *Advances in Clinical Research: Unravelling the Mystery of Human Growth*; *General Research Support Grant: Its Objectives and How They are Being Met* (NIH-71-94).

INFORMATION SERVICES: Disseminates publications.

NATIONAL CANCER INSTITUTE

0803 National Institutes of Health
Bethesda, Md. 20014
Tel: (301) 496-2241 (Research Information Branch)

AREAS OF INTEREST: Research and training related to the cause, prevention, diagnosis, and treatment of cancer.

HOLDINGS: Data banks on cancer chemotherapy, drug evaluation, end results of cancer therapy, veterinary aspects of cancer study, the virus-leukemia program, and research and training grants and awards; specimen bank of viruses.

PUBLICATIONS: *Journal of the National Cancer Institute* (monthly); *Cancer Chemotherapy Reports* (ir-

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regular); *Cancer Chemotherapy Abstracts* (monthly); *Carcinogenesis Abstracts* (monthly). A list of publications available to the general public and students will be furnished on request.

INFORMATION SERVICES: The Research Information Branch of the Institute answers inquiries.

NATIONAL EYE INSTITUTE

Office of Information

0804 National Eye Institute
National Institutes of Health
Bethesda, Md. 20014
Tel: (301) 496-5248

AREAS OF INTEREST: Research on the causes, prevention, and treatment of disorders of the eye and the visual system, including fundamental studies of the eye and its adnexae, the visual cortex, and associated portions of the central nervous system; the events occurring between the reception of light by the retina and the conscious perception of an image; and research on rehabilitation of the visually handicapped. Support of research training is aimed at providing research experience for individuals who wish to pursue full-time careers in research and teaching in the visual sciences.

PUBLICATIONS: Reports, monographs, public information leaflets.

INFORMATION SERVICES: Answers inquiries; distributes publications (single copies usually free).

NATIONAL HEART AND LUNG INSTITUTE

Office of Heart and Lung Information

0805 National Heart and Lung Institute
National Institutes of Health
Bethesda, Md. 20014
Tel: (301) 496-4236

AREAS OF INTEREST: Research and training relating to the causes, prevention, diagnosis, and treatment of diseases of the heart and circulation and of chronic lung diseases, such as emphysema.

HOLDINGS: Data bank on the Institute's research and training grants and awards.

PUBLICATIONS: *Informational and Educational Materials*, a catalog listing leaflets, booklets, and other information-education materials available on request from the Office of Heart and Lung Information.

INFORMATION SERVICES: Answers inquiries.

HEALTH, EDUCATION, AND WELFARE, DEPARTMENT OF

NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES

0806 National Institutes of Health
Bethesda, Md. 20014
Tel: (301) 496-5717 (Information Office)

AREAS OF INTEREST: Research and training in allergies, infections, and related diseases.

HOLDINGS: Specimen and data banks of antisera and antigens for viruses, mycoplasma, and tissue typing reagents for transplantation; reference centers for identification of microbial agents; data bank on the Institute's research and training grants and awards.

PUBLICATIONS: Technical reports and research reports published in scientific journals. A list of publications available to the general public and students will be furnished on request.

INFORMATION SERVICES: Answers inquiries.

Rocky Mountain Laboratory

0807 National Institute of Allergy and Infectious Diseases
Hamilton, Mont. 59840
Tel: (406) 363-3211

AREAS OF INTEREST: Medical entomology; systematics of ticks and mites; rickettsioses; zoonoses; immunology; tuberculosis; endotoxins; slow viral infections.

HOLDINGS: A library of 25,000 books, 1,000 periodical titles, and 500 reports; insect collection.

PUBLICATIONS: Research reports published in scientific journals.

INFORMATION SERVICES: Answers inquiries; makes referrals; permits onsite use of literature and insect collections.

NATIONAL INSTITUTE OF ARTHRITIS AND METABOLIC DISEASES

0808 National Institutes of Health
Bethesda, Md. 20014
Tel: (301) 496-3583 (Information Office)
(301) 496-6158 (Scientific Communications Office)

AREAS OF INTEREST: Research and training in arthritis and metabolic and related diseases.

HOLDINGS: Data bank on the Institute's research and training grants and awards.

PUBLICATIONS: The publications of the Scientific Communications Office include *Gastroenterology Abstracts and Citations* (monthly), *Diabetes Litera-*

ture Index (monthly), and *Endocrinology Index*. The Information Office's publications include *Arthritis and Research*; *Arthritis Source Book*; *Diabetes and You*; *Diabetes Source Book*; *Facts About Nutrition*; *NIAMD Brochure*; *Psoriasis*; *Rheumatoid Arthritis--A Handbook for Patients*; *Answers to Questions That Are Often Asked About Diabetic Diets*; *Arthritis and Rheumatism*; *Arthritis--Don't Gamble With Your Health*; *Diabetes--Don't Gamble With Your Health*; *Diet and Arthritis*; *Facts About Osteoporosis*; *Gout*; *Sickle Cell Anemia*; *Systemic Lupus Erythematosus*; *Your Kidneys--Master Chemists of the Body*; *Artificial Kidneys: Where We Stand*; *Closing in on Rheumatoid Arthritis--The Number One Crippler*; *Osteoporosis--Battling the Bone Thinner*; *Unmasking the Great Impersonator--Cystic Fibrosis*; *Diverticulosis and Diverticulitis*; *Hypoglycemia*; *Kidney Diseases and Artificial Kidneys*; *Sjogrens Syndrome*; and *Ulcerative Colitis*.

INFORMATION SERVICES: General inquiries about the Institute's programs and activities should be directed to the Institute's Information Office. Inquiries from professionally qualified persons regarding publications, data, and scientific information should be directed to the Institute's Scientific Communications Office.

NATIONAL INSTITUTE OF CHILD HEALTH AND HUMAN DEVELOPMENT

0809 National Institutes of Health
Bethesda, Md. 20014
Tel: (301) 496-5133

AREAS OF INTEREST: Research and training concerned with the whole person. This research encompasses the behavioral and biomedical aspects of human health, with particular attention to the special needs of the pregnant woman, the developing human embryo, the newborn, the growing child, the mentally retarded, and the mature and aging adult. Specific attention is directed to the problem of excessive population growth.

HOLDINGS: Data bank on the Institute's research and training grants and awards.

PUBLICATIONS: Reports, special publications, and conference proceedings, all issued irregularly. A list of publications available to the general public will be furnished on request.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services. Services are available to anyone within limits of staff time and resources, but preference is given to the scientific community.

Center for Population Research

0810 National Institutes of Health
Bethesda, Md. 20014
Tel: (301) 496-5133 (Information Office)

AREAS OF INTEREST: Research and training concerned with investigations of the reproductive processes in man and animals, including the endocrine system, nutrition, genetics, behavior, population control, and fertility regulation. Special emphasis is placed on reproductive failure, sterility, and immediate and long-term effects of newer contraceptive agents. Also emphasized is the problem of excessive population growth and its effects on the health and well-being of the populations involved, characteristics of populations and their growth rates, responses to population pressures, and studies of how individuals and economic and political institutions react to population dynamics.

HOLDINGS: Data bank on the Institute's research and training grants and awards.

PUBLICATIONS: Special reports and special publications, issued irregularly. A list of publications available to the general public will be furnished on request.

INFORMATION SERVICES: Answers inquiries from Congress, the general public, and students; provides consulting and reference services. Services are available to anyone within limits of staff time and resources, but preference is given to the scientific community.

NATIONAL INSTITUTE OF DENTAL RESEARCH

Information Office

0811 National Institute of Dental Research
Building 30, Room 126
National Institutes of Health
Bethesda, Md. 20014
Tel: (301) 496-4261

AREAS OF INTEREST: Research and training in dental and related diseases and conditions; dental adhesives and other biomaterials; anesthetics as used in dentistry.

HOLDINGS: The Institute maintains a data bank on its research and training grants and awards.

PUBLICATIONS: A list of publications is available.

INFORMATION SERVICES: Answers inquiries.

0812

**NATIONAL INSTITUTE OF GENERAL
MEDICAL SCIENCES**

Information Office

0812 National Institute of General Medical
Sciences
National Institutes of Health
Bethesda, Md. 20014
Tel: (301) 496-7245

AREAS OF INTEREST: Grants for research in toxicology, pharmacology, biomedical engineering, anesthesiology, diagnostic radiology, trauma, surgery, genetics, behavioral sciences, and basic sciences, including biophysics, biochemistry, and cell biology.

INFORMATION SERVICES: Answers inquiries; provides information to mass and scientific media; makes referrals; conducts conferences and workshops for scientists.

**NATIONAL INSTITUTE OF
NEUROLOGICAL DISEASES AND
STROKE**

0813 National Institutes of Health
Bethesda, Md. 20014
Tel: (301) 496-5751 (Information Office)
(301) 496-5228 (Scientific and
Technical Communications Office)

AREAS OF INTEREST: Research and training relating to the causes, prevention, diagnosis, and treatment of neurological and sensory disorders.

HOLDINGS: Data banks on the Institute's research and training grants and awards and on perinatal research.

PUBLICATIONS: A list of publications is available.

INFORMATION SERVICES: Two information centers sponsored by the Institute are special information resources in their subject specialties. These are: *Brain Information Service* (University of California, Los Angeles--information on neurological sciences not involving categorical disease problems), and *Information Center for Hearing, Speech, and Disorders of Human Communication* (The Johns Hopkins University--information on speech, hearing, and disorders of human communication, excluding vision and the visual processes and diseases of the eye). Queries from professionally qualified persons for information from the above Centers should be directed to the Centers. (Their addresses will be found in this directory under the name of the univer-

HEALTH, EDUCATION, AND WELFARE, DEPARTMENT OF

sity responsible for the Center's operation.) All other queries from professionally qualified persons for information should be directed to the Scientific and Technical Communications Office of the Institute. Queries from the general public and students should be directed to the Institute's Information Office.

NATIONAL LIBRARY OF MEDICINE

0814 8600 Rockville Pike
Bethesda, Md. 20014
Tel: (301) 656-4000

One of three national libraries (the other two being the Library of Congress and the National Agricultural Library), the National Library of Medicine serves as a medical information resource for organizations and individuals engaged in medical education, research, and services.

AREAS OF INTEREST: The Library collects material exhaustively in some 40 biomedical subject areas and, to a lesser degree, in a number of related areas such as general chemistry, physics, zoology, botany, psychology, and instrumentation.

HOLDINGS: Nearly 1.5 million books, journals, technical reports, documents, theses, pamphlets, microfilms, pictorial materials, and audiovisual materials. The History of Medicine collection numbers more than 60,000 volumes, including over 500 titles published before 1501.

PUBLICATIONS: *Index Medicus* (monthly); *Cumulated Index Medicus* (annual); *Abridged Index Medicus* (monthly); *Cumulated Abridged Index Medicus* (annual); *Medical Subject Headings* (annual); *List of Journals Indexed in Index Medicus* (annual); *NLM Current Catalog* (monthly, quarterly, and annual cumulation); *Monthly Bibliography of Medical Reviews*; *Toxicity Bibliography* (quarterly); *Selected References on Environmental Quality as It Relates to Health* (monthly); *Bibliography of the History of Medicine* (annual); *National Medical Audiovisual Center Catalog* (annual); literature searches (irregular); other occasional publications. The Library also provides camera-ready copy for the publication of recurring bibliographies by Federal agencies and professional organizations, e.g., *Index to Dental Literature* by the American Dental Association, and *Endocrinology Index* by the National Institute of Arthritis and Metabolic Diseases, NIH. Complete lists of titles of the recurring bibliographies, literature searches, and other NLM publications are available from the Library's Office of Public Information and are included in monthly issues of *Index Medicus*.

INFORMATION SERVICES: NLM activities serve to supplement and support the activities of regional and other medical libraries throughout the country. Health science practitioners, educators, investigators, and students, as well as others with related needs, have access to all collections in the Library. Materials are accessible for use at the Library daily, except Sunday. The Library will lend, through other libraries only, original volumes or photocopies of journal articles not available locally. Films, audiotapes, television film recordings, and other materials from the distribution collection of the Library's National Medical Audiovisual Center are available on loan from the National Medical Audiovisual Center (Annex), Station K, Atlanta, Ga. 30324. Through its computer-based MEDLARS (Medical Literature Analysis and Retrieval System), the Library provides, on request, retrospective, one-time bibliographies (demand searches) to researchers, clinicians, and other health professionals. Requests for MEDLARS search services should be directed to the MEDLARS Center or Regional Medical Library serving the requester's region. A complete list of addresses for regional inter-library loan and MEDLARS services is contained in monthly issues of *Index Medicus*.

HEKTOEN INSTITUTE FOR MEDICAL RESEARCH

Department of Biochemistry

0815 Hektoen Institute for Medical Research of
the Cook County Hospital
627 South Wood St.
Chicago, Ill. 60612
Tel: (312) 633-7177

AREAS OF INTEREST: Biochemistry; heavy metals; detergents; pesticides; sedatives; ataractics; fumes and gas intoxication; salicylate; trace metals.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services. Services are available to medical personnel and, occasionally, to other scientists.

Toxicology Division

0816 Hektoen Institute for Medical Research of
the Cook County Hospital
627 South Wood St.
Chicago, Ill. 60612
Tel: (312) 633-7191

AREAS OF INTEREST: Trace metal metabolism and intoxications; drug abuse and overdose; lead and other heavy metal poisonings; atomic absorption applications to toxicology; other analytical methods used in toxicology.

HOLDINGS: Small collection of books.

INFORMATION SERVICES: Answers inquiries free; provides consulting services; performs toxicological analyses free for Government-sponsored institutions and for fee for private hospitals and industry.

HERB SOCIETY OF AMERICA

0817 300 Massachusetts Ave.
Boston, Mass. 02115
Tel: (617) 536-7136

AREAS OF INTEREST: Study of culinary, fragrant, dye, and medicinal uses of herbs; identification and culture of herbs; herbal references in history, literature, and folklore.

HOLDINGS: Herbal library. Public herb gardens are maintained by many groups.

PUBLICATIONS: *The Herbarist* (annual magazine); *Herb Primer* (also available in Braille); quarterly membership newsletter; lists of herb sources and herbal literature; pamphlets.

INFORMATION SERVICES: Answers inquiries; provides reference and consulting services; makes referrals; lends slide-lecture program for fee. No medical advice is given.

HERTZLER RESEARCH FOUNDATION LIBRARY

0818 309 Main St.
Halstead, Kans. 67056
Tel: (316) 835-2662

AREAS OF INTEREST: Medical science, including internal medicine, surgery, pathology, and endocrinology.

HOLDINGS: 1,000 books; 150 periodical titles.

INFORMATION SERVICES: Answers inquiries; provides reference and literature-searching services; provides limited duplication services at cost to some, free to others; lends materials.

0819

HIBERNATION INFORMATION EXCHANGE

0819 P.O. Box 58505
Houston, Tex. 77058
Tel: (713) 483-2031 (Dr. Richard Simmonds)

AREAS OF INTEREST: Physiology, anatomy, ecology, pharmacology, and systematics in mammalian hibernation.

HOLDINGS: Journal articles, books.

PUBLICATIONS: *Information Sheet* (bimonthly); list of reprints received (bimonthly); bibliography (bimonthly and annual).

INFORMATION SERVICES: Services are provided on an exchange basis with internationally-located specialists in the field who make available their own publications as they are received. The Exchange submits questions to specialists, makes referrals, and serves as a distribution center for information of mutual interest to its members. Holdings are accessible for direct use by researchers. Some material is available on loan.

HIGHLAND PARK HERBARIUM

0820 375 Westfall Rd.
Rochester, N.Y. 14620
Tel: (716) 244-4640

AREAS OF INTEREST: Horticulture; care and culture of plant materials; seeds.

HOLDINGS: 6,200 plant specimens; 15,000 herbarium specimen sheets; 300 photos; 232 water color drawings by John Walton (1834-1914); 2,400 slides; 1,200 books; 3,300 periodicals; 100 pamphlets; reports, data.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and literature-searching services; makes referrals; identifies plants; exchanges plants and seeds with other institutions; permits onsite use of collections.

HIGHLANDS BIOLOGICAL STATION, INC.

0821 Highlands, N.C. 28741
Tel: (704) 526-2602

AREAS OF INTEREST: Botany, zoology, physiology, ecology, evolution, biological development, and

HIBERNATION INFORMATION EXCHANGE

biota of gorge areas of the southern Appalachian region.

HOLDINGS: Small research library.

PUBLICATIONS: Technical reports, announcement journal.

INFORMATION SERVICES: Answers inquiries; permits onsite use of literature collection. The Station provides facilities for individual research projects. Requests for the use of the facilities, for grants, and for information should be addressed to the Executive Director.

HILLSBOROUGH COUNTY (FLA.) HEALTH DEPARTMENT

0822 P.O. Box 1731
Tampa, Fla. 33601

Location:
1105 East Kennedy Blvd.
Tampa, Fla.
Tel: (813) 223-1311

AREAS OF INTEREST: All aspects of public health, including health education; pollution, including effects on terrestrial and aquatic biota, crop damage, and health effects; pesticides and their effects.

HOLDINGS: Small collection of books, periodicals, and technical reports.

PUBLICATIONS: Research reports, Departmental quarterly reports.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; makes referrals.

HOFFMANN-LAROCHE INC.

Scientific Library

0823 Hoffmann-LaRoche Inc.
Kingsland St.
Nutley, N.J. 07110
Tel: (201) 235-3091

AREAS OF INTEREST: Drugs; pharmaceutical chemistry; vitamins; synthetic organic chemistry; chemotherapy; pharmacology; aromatic and agricultural chemicals.

HOLDINGS: 6,300 books and 613 journal titles, including material in all major European languages.

PUBLICATIONS: Bibliographies.

INFORMATION SERVICES: Exchanges interlibrary loan service with institutions having similar subject interests.

HOLDEN ARBORETUM

0824 Sperry Rd.
Mentor, Ohio 44060
Tel: (216) 946-4400

AREAS OF INTEREST: Hardy woody plants, wildflowers, and wildlife of Ohio; plant research; horticulture.

HOLDINGS: An extensive collection of flora, including 7,000 varieties of trees, shrubs, and woody vines, and a library of 3,000 books, 50 periodical subscriptions, photos, slides, pamphlets, and press releases. Printed material is received in English, French, Dutch, German, Russian, Czechoslovakian, Hungarian, and Polish.

PUBLICATIONS: *Arboretum Leaves* (quarterly).

INFORMATION SERVICES: Answers inquiries; provides consulting services; provides reference services by appointment or letter; identifies plants; makes referrals; permits onsite use of collection.

HONOLULU POLICE DEPARTMENT

Crime Laboratory

0825 Honolulu Police Department
1455 South Beretania St.
Honolulu, Hawaii 96814
Tel: (808) 941-3311

AREAS OF INTEREST: Criminalistics; narcotics; blood; alcohols; firearms.

HOLDINGS: Small collection of books, periodicals, and reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals. Services are available to Government and law enforcement agencies only.

HOPKINS MARINE STATION

see Stanford University

HORMEL INSTITUTE

see University of Minnesota

HORTICULTURAL SOCIETY OF NEW YORK, INC.

0826 128 West 58th St.
New York, N.Y. 10019
Tel: (212) 757-0915

AREAS OF INTEREST: Horticulture and allied sciences.

HOLDINGS: 18,000 books; journals, reports, photographs, data.

PUBLICATIONS: *Bulletin* (6 issues a year); member newsletter (approximately 4 issues a year); *Printed Books, 1481-1900* (a checklist, 1970).

INFORMATION SERVICES: Provides consulting and reference services; lends material to members; makes interlibrary loans; permits onsite use of collection; conducts special courses, lectures, flower shows, and tours. The Society also assists on request with numerous community projects, tree plantings, park plannings, and gardening projects for youth and senior citizens.

HOSPITAL FOR SPECIAL SURGERY

Medical Library

0827 Hospital for Special Surgery
535 East 70th St.
New York, N.Y. 10021
Tel: (212) 535-5500

AREAS OF INTEREST: Orthopedic surgery; rheumatic diseases.

HOLDINGS: 3,500 books; 62 periodical subscriptions; 1,500 reprints.

INFORMATION SERVICES: Makes interlibrary loans; permits onsite use of collection.

HOUSE OF REPRESENTATIVES, U.S.

see Congress of the United States

HOUSTON ACADEMY OF MEDICINE--TEXAS MEDICAL CENTER LIBRARY

0828 Jesse H. Jones Library Bldg.
1133 M. D. Anderson Blvd.
Houston, Tex. 77025
Tel: (713) 529-3808

AREAS OF INTEREST: Medicine; dentistry; nursing.

HOLDINGS: 101,187 volumes, including the collections of the Houston Academy of Medicine, the Baylor College of Medicine, and the Houston Academy of Dentistry, with special collections on gout, arthritis, rheumatism, hematology, and public health; 1,787 periodical titles.

PUBLICATIONS: Bimonthly book lists in the *Harris County Medical Society Bulletin*.

INFORMATION SERVICES: Answers inquiries; provides bibliographic services; makes interlibrary loans; formulates and processes MEDLARS search requests; verifies citations; permits onsite reference. Duplication services are available.

HOUSTON CITY HEALTH DEPARTMENT

0829 1115 North MacGregor Dr.
Houston, Tex. 77025
Tel: (713) 222-4275

AREAS OF INTEREST: All aspects of public health, including personal and community health problems and services; poisons; poisoning; pollution; toxicology; biochemistry; analytical methods.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Newsletter, pamphlets.

INFORMATION SERVICES: Answers inquiries; provides reference services; makes referrals; lends materials.

HOUSTON POLICE DEPARTMENT LABORATORY

0830 61 Reisner St.
Houston, Tex. 77002
Tel: (713) 222-4731

AREAS OF INTEREST: Criminalistics; laboratory techniques; narcotics; sedatives; hallucinogens; stimulants.

HOLDINGS: 30,000 reports; moderate size collection of books and periodicals.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals. Extensive services are provided to law enforcement agencies only.

HOYT ARBORETUM

0831 4000 Southwest Fairview Blvd.
Portland, Ore. 97221

Tel: (503) 228-8732

AREAS OF INTEREST: Horticulture.

HOLDINGS: Tree and plant specimens, books, periodicals, reports.

PUBLICATIONS: Periodicals, reports.

INFORMATION SERVICES: Answers brief inquiries; provides consulting and reference services; permits onsite use of literature collection. The Arboretum is open to the public.

HUMAN FACTORS SOCIETY (HFS)

0832 P.O. Box 1369
Santa Monica, Calif. 90406
Tel: (213) 394-1811

AREAS OF INTEREST: Human factors; human engineering; engineering psychology; bioengineering; man-machine systems design; research in anthropometrics, audition, vision, human performance behavior, ergonomics, and learning; equipment and systems design covering man-machine interaction in operation and maintenance; related areas of applied science and engineering, including cybernetics, bionics, medical electronics, and programmed and automated instruction.

PUBLICATIONS: *Human Factors* (journal, 6 issues a year); *Human Factors Society Bulletin* (monthly); directory and yearbook (annual).

INFORMATION SERVICES: Answers inquiries.

HUNTER COLLEGE

Nursing Education Library

0833 Hunter College
Bellevue Campus
440 East 26th St.
New York, N.Y. 10010
Tel: (212) 686-6800 Ext. 181

AREAS OF INTEREST: Profession of nursing, including nursing history, education, ethics, and nurse-patient relationships; medicine; psychiatry; psychology; pharmacology; pediatrics; public health; sociology; basic sciences.

HOLDINGS: 12,500 books; 150 current periodical titles; a vertical file containing material on health sciences.

INFORMATION SERVICES: Provides duplication services; makes interlibrary loans; permits onsite use of collection by professional persons.

IDAHO AGRICULTURAL EXPERIMENT STATION

see University of Idaho

IDAHO COOPERATIVE WILDLIFE RESEARCH UNIT

0834 University of Idaho
Moscow, Idaho 83843
Tel: (208) 885-6318 or 885-6165

The Idaho Cooperative Wildlife Research Unit is sponsored by the University of Idaho, the Idaho Fish and Game Department, the Wildlife Management Institute, and the U.S. Fish and Wildlife Service.

AREAS OF INTEREST: Wildlife ecology and management, especially of resident and migratory game birds, big game mammals, mammalian and avian predators, and forest-wildlife relationships.

HOLDINGS: Bird and mammal specimens; books, periodicals, reprints, bulletins, pamphlets, theses, slides, photos, maps, project records, technical reports.

PUBLICATIONS: Research results in appropriate journals.

INFORMATION SERVICES: Answers inquiries.

IDAHO DEPARTMENT OF AGRICULTURE

0835 P.O. Box 790
Boise, Idaho 83701
Location:
1365 North Orchard St.
Boise, Idaho
Tel: (208) 384-3242

AREAS OF INTEREST: Idaho agriculture; feedstuffs; fertilizers; plant industry; horticulture; pest control; seeds; weights and measures; fresh fruits and vegetables; livestock; dairying; animal industry; bees; florists; pesticides; milk contamination; crop damage liability; animal liability; bonded warehouses.

HOLDINGS: Reports, pamphlets, data.

PUBLICATIONS: *Commercial Feed and Fertilizer Analyses* (annual); biennial report, data books, pamphlets, laws, regulations.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides reference services.

IDAHO DEPARTMENT OF HEALTH

0836 Statehouse
Boise, Idaho 83707
Tel: (208) 384-2336

AREAS OF INTEREST: Public health in Idaho.

HOLDINGS: 80,000 biological and chemical specimens; 950 technical reports; 1,000 books; 6,000 journals; vital statistics, data compilations, films, photos, maps, posters, project records, standards and specifications, abstracts, newsletters, reprints, publication lists, pamphlets.

PUBLICATIONS: Annual report.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; furnishes biological and chemical testing services; prepares analyses; lends films.

Community Study Pesticide Project

0837 Idaho Department of Health
Statehouse
Boise, Idaho 83707
Tel: (208) 384-2494

AREAS OF INTEREST: Effects of pesticides on the total environment, including air, water, soil, wildlife, and food, as well as clinical information on heavily exposed individuals and a group of controls; analytical methods, including chromatography, spectrophotometry, electroencephalography, and the associated clinical examinations.

HOLDINGS: Medical records, laboratory data.

PUBLICATIONS: Quarterly and annual reports.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services; performs laboratory analyses.

IDAHO FISH AND GAME DEPARTMENT

0838 P.O. Box 25
Boise, Idaho 83707
Location:
600 South Walnut St.
Boise, Idaho
Tel: (208) 344-8471

AREAS OF INTEREST: Fish and game in Idaho, including biological information and data on status; wildlife management; conservation; hunting and fishing; effects of pesticides on wildlife; fishkills; fish nutrition; pollution; ecology.

HOLDINGS: 400 mounted specimens; 250 films; a reference library of fish and game technical journals, reports, and texts with an automated catalog.

PUBLICATIONS: *Idaho Wildlife Review* (bimonthly); radio tapes, news releases, films, photos, slides, maps, charts, reports.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services; identifies species of birds, fish, and animals; permits onsite use of collection.

IDAHO STATE UNIVERSITY LIBRARY

0839 Pocatello, Idaho 83201

Tel: (208) 236-3380

AREAS OF INTEREST: All subjects, including the pure and applied sciences; medical sciences; mathematics; physics; chemistry; geology; paleontology; biology; botany; zoology; pharmacy; nursing; speech pathology and audiology; dentistry; dental hygiene; anthropology; engineering; nuclear science and technology.

HOLDINGS: 130,000 books; 4,000 journal titles; 430,000 documents, including U.S. Atomic Energy Commission depository items; 200,000 microforms; maps, including U.S. Geological Survey and Army Map Service depository items, specializing in States west of the Mississippi River.

PUBLICATIONS: Book lists (irregular); list of holdings of science and technology serials (irregular).

INFORMATION SERVICES: Permits onsite reference; lends materials on payment of small, yearly fee; provides reference services for U.S. Atomic Energy Commission publications; provides duplication services for fee; makes interlibrary loans.

IDRES INFORMATION CENTER

0840 Science Information Services

Franklin Institute Research Laboratories

Benjamin Franklin Parkway at 20th St.

Philadelphia, Pa. 19103

Tel: (215) 448-1485

The IDRES (Institute for the Development of Riverine and Estuarine Systems) Information Center is sponsored by the Pennsylvania Science and Engineering Foundation and the National Science Foundation.

AREAS OF INTEREST: All aspects of riverine-estuarine research, development, conservation, and utilization, with special emphasis on the Delaware River Basin, including, but not limited to, technical and

economic development, management, pollution control, recreational use, thermal pollution, sedimentation, natural resources law as it affects riverine-estuarine utilization, mathematical modelling, waste disposal, and estuarine ecology.

HOLDINGS: Small working collection of books, periodicals, and reports.

PUBLICATIONS: Technical reports.

INFORMATION SERVICES: Answers inquiries; provides reference and literature-searching services; makes referrals. Services other than replies to brief reference questions are provided on fee basis.

IIT RESEARCH INSTITUTE

Water Research Center

0841 IIT Research Institute

10 West 35th St.

Chicago, Ill. 60616

Tel: (312) 225-9630 Ext. 5118

AREAS OF INTEREST: Economic, management, and engineering aspects of water; chemistry, physics, and biology of water and their application to such water problems as saline water conversion, sewage treatment, pollution, and ecology of natural water sources; mathematical models for water treatment processes; travel of pollutants in lakes and streams.

HOLDINGS: Small reference collection. The Center also has access to the collections of the John Crerar Library.

PUBLICATIONS: Reports for the Federal Government.

INFORMATION SERVICES: Answers inquiries; provides consulting services for fee.

ILLINOIS AGRICULTURAL EXPERIMENT STATION

see University of Illinois

ILLINOIS DEPARTMENT OF AGRICULTURE

0842 Junior Livestock Bldg., State Fairgrounds

Springfield, Ill. 62706

Tel: (217) 525-2172

AREAS OF INTEREST: Livestock disease control; agricultural statistics (State and Federal); apiary inspection; dairy inspection; feeds, fertilizers, and

weights and measures inspection; grain inspection; produce inspection; meat and poultry inspection; market news dissemination; soil and water conservation; State fair activities.

HOLDINGS: Samples of grain, adulterated food, and fertilizers; diseased plant specimens.

PUBLICATIONS: Technical reports, annual report.

INFORMATION SERVICES: Answers inquiries; provides consulting and inspection services; provides export information to foreign concerns wishing to purchase Illinois commodities; makes referrals; prepares analyses and evaluations.

ILLINOIS DEPARTMENT OF CONSERVATION

0843 State Office Bldg., Room 102
400 South Spring St.
Springfield, Ill. 62706
Tel: (217) 525-6302

AREAS OF INTEREST: Conservation, including fish and game, outdoor recreation, boating, State parks and memorials, forestry, open-cut (strip mining) land reclamation, planning and land acquisition, engineering, education, and general enforcement of conservation laws.

HOLDINGS: Small collection of books, periodicals, and reports; film library of over 600 prints on more than 160 topics. A catalog listing library topics is available.

PUBLICATIONS: *Game and Fish Law Code Book* (biennial); reports, directories, specifications, books, news releases, technical papers (issued irregularly).

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, literature-searching, abstracting, translation, and duplication services; makes referrals; lends films free; disseminates publications; produces radio and television programs; prepares special features and illustrations for the print media; conducts audiovisual programs; sponsors and promotes a hunter-safety program; participates in wide variety of activities in environmental education.

ILLINOIS DEPARTMENT OF PUBLIC HEALTH

Division of Dental Health

0844 Illinois Department of Public Health

535 West Jefferson St.
Springfield, Ill. 62706
Tel: (217) 525-7502

AREAS OF INTEREST: Dental health (epidemiology, health care, delivery systems, applied research).

HOLDINGS: 26 motion pictures; 5 programmed instruction courses; slides, posters, project records, technical reports, standards and specifications, books, journals, instructional manuals, reprints, data compilations, clippings, pamphlets.

PUBLICATIONS: Dental health study course, slides, self-applied topical fluoride manual, research studies issued irregularly.

INFORMATION SERVICES: Answers inquiries; provides consulting services; provides short lists of literature citations in response to specific inquiries; presents scientific programs, workshops, and seminars; lends motion pictures, slides, and audiovisual equipment; prepares analyses; distributes dental health literature; permits onsite use of collection.

Division of Disease Control

Hazardous Substances and Poison Control Program

0845 Division of Disease Control
Illinois Department of Public Health
State Office Bldg.
Springfield, Ill. 62706
Tel: (217) 525-7747

AREAS OF INTEREST: Poisons and poisoning; hazardous substances.

HOLDINGS: Medical and technical reference works.

PUBLICATIONS: Monthly and annual statistical reports.

INFORMATION SERVICES: Answers inquiries from poison control centers, hospitals, physicians, and health officers in Illinois; provides basic reference material and performs literature searches for poison control centers and medical personnel; refers lay requests.

Division of Education and Information

Bureau of Health Education

0846 Division of Education and Information
Illinois Department of Public Health
535 West Jefferson St.
Springfield, Ill. 62706
Tel: (217) 525-6495

0847

AREAS OF INTEREST: Health education; communicable diseases; dental health; maternal health; mental and environmental health; safety.

HOLDINGS: 8,000 volumes of medical reference books; 125 professional journals; 1,500 motion pictures; 24 health exhibits; photos of current programs, newsletters, pamphlets, news releases.

PUBLICATIONS: Monthly newsletter.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; lends some materials. Services are primarily for Illinois residents.

Division of Laboratories

0847 Illinois Department of Public Health
1800 West Fillmore St.
Chicago, Ill. 60612
Tel: (312) 829-3100

AREAS OF INTEREST: Public health in Illinois; diagnostic services; biologic products; laboratory evaluation; sanitary bacteriology; toxicology; virus diseases and research.

HOLDINGS: 553 books; 1,350 journals; 295 abstracts; 121,800 reprints.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services; prepares analyses; permits onsite use of literature collection.

Division of Sanitary Engineering

0848 Illinois Department of Public Health
535 West Jefferson St.
Springfield, Ill. 62706
Tel: (217) 525-6555

AREAS OF INTEREST: Radiological health; swimming pool sanitation; general sanitation.

INFORMATION SERVICES: Answers brief inquiries; makes referrals; provides consulting services.

ILLINOIS INSTITUTE OF TECHNOLOGY

Environmental Studies Center

0849 Illinois Institute of Technology
3300 South Federal St.
Chicago, Ill. 60616
Tel: (312) 225-9600 Ext. 457 or 458

ILLINOIS DEPARTMENT OF PUBLIC HEALTH

AREAS OF INTEREST: Air and water pollution control; waste and water treatment; noise control; enforcement of pollution laws; socioeconomic aspects of pollution; sanitary engineering; environmental engineering; industrial wastes; environmental pollutants.

INFORMATION SERVICES: Answers inquiries; provides consulting and literature-searching services. Fees may be charged, depending on the nature and extent of services requested.

ILLINOIS NATURAL HISTORY SURVEY LIBRARY

0850 196 Natural Resources Bldg.
University of Illinois
Urbana, Ill. 61803
Tel: (217) 333-6892

AREAS OF INTEREST: Natural history, including economic entomology, surveys of fauna, insect identification, aquatic biology, applied botany and plant pathology, and wildlife.

HOLDINGS: Books, journals, reports.

PUBLICATIONS: *Biological Note; Bulletin; Circulars.*

INFORMATION SERVICES: Exchanges materials with 600 worldwide institutions and organizations; provides duplication services; permits onsite use of collection; makes interlibrary loans through the University of Illinois Library.

ILLINOIS STATE UNIVERSITY

Department of Agriculture

0851 Illinois State University
Normal, Ill. 61761
Tel: (309) 438-2543

AREAS OF INTEREST: Agriculture.

PUBLICATIONS: Agriculture research project reports and publications.

INFORMATION SERVICES: Answers inquiries; provides consulting services; furnishes speakers. Fees may be charged for extensive services.

ILLINOIS STATE WATER SURVEY

0852 P.O. Box 232
Urbana, Ill. 61802

INDIANA BOARD OF HEALTH

0855

Location:

605 East Springfield
Champaign, Ill.
Tel: (217) 333-2210

AREAS OF INTEREST: Ground-water and surface-water hydrology; surface-water flow, runoff, evaporation, and sedimentation; water level measurement; pump-age rates and growth; characteristics, development, specific capacities, rehabilitation, and abandonment of aquifers; ground-water recharge; water quality; inorganic constituents of water and sewage; sewage and industrial waste treatment; thermal contamination; biological environment of lakes and streams; corrosion; methods of water treatment in public and industrial use; reservoirs and distribution systems of public water supply; hydraulic structures; cloud physics; radar; rainout of radioactivity in Illinois; hydrometeorology in Illinois; techniques for design and evaluation of weather modification experiments; urban effects on weather.

HOLDINGS: 16,000 books and monographs; 150 periodicals; abstract literature, reports, standards and specifications, maps, charts, reviews, newsletters, reprints, bibliographies, pamphlets, publication lists.

PUBLICATIONS: *Bulletins*, covering original investigations and containing comprehensive basic data on the State's water resources; *Reports of Investigation*, consisting usually of preliminary studies and areal investigations; *Circulars*, containing informal reports on current studies; miscellaneous reports and reprints. A publications list is available.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services; permits onsite use of collection; performs free chemical analyses of well samples from Illinois wells.

Facilities include rain-gage networks, a meteorological laboratory at the University Airport, and a research laboratory in Peoria. The Survey also helps sponsor 144 stream-gaging stations.

ILLINOIS VETERINARY DIAGNOSTIC LABORATORY

Toxicology Section

0853 Illinois Veterinary Diagnostic Laboratory
College of Veterinary Medicine
University of Illinois
Urbana, Ill. 61801
Tel: (217) 333-2506

AREAS OF INTEREST: Pesticides; poisonous plants; heavy metals; alkaloids; analytical methods, including chromatography, polarography, and spectrometry.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals. Services are available to veterinarians or their clients.

INDEX TO AUTHORS IN BRYOPHYTA AND INDEX TO BRYOPHYTE LITERATURE OF LATIN AMERICA

0854 c/o Dr. Margaret Fulford
Professor of Botany
University of Cincinnati
Cincinnati, Ohio 45221
Tel: (513) 475-3839

AREAS OF INTEREST: Bryophyta; Hepaticae of Latin America.

HOLDINGS: List of all authors in the field of bryophyta; all papers on Hepaticae from Latin America; complete species index to literature on Hepaticae of Latin America; herbarium of Latin American Hepaticae.

INFORMATION SERVICES: Answers brief inquiries free. The collection is accessible for onsite reference by special arrangement.

INDIANA BOARD OF HEALTH

Bureau of Food and Drugs

0855 Indiana Board of Health
1330 West Michigan St.
Indianapolis, Ind. 46206
Tel: (317) 633-4708

The Bureau is responsible for enforcement of the Indiana Food, Drug, and Cosmetic Act and related laws pertaining to food products and sanitary conditions in all food establishments.

AREAS OF INTEREST: Food sanitation laws; food processing, storage, and refrigeration; hazardous household products; drugs; pharmacy; salmonella; staphylococci; cosmetics; public health, including pest control, communicable diseases, and epidemiology; truth in packaging and advertising.

HOLDINGS: 25 films; 300 slides; 10,000 pamphlets; 50 maps and charts; photos, posters, standards and specifications, books, periodicals, press releases, data.

0856

PUBLICATIONS: Pamphlets, leaflets, brochures, news releases.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services; lends films; permits onsite use of collection.

INDIANA DENTAL ASSOCIATION

0856 1013 Hume Mansur Bldg.
Indianapolis, Ind. 46204
Tel: (317) 638-1341

AREAS OF INTEREST: Dentistry.

HOLDINGS: Small reference collection of books, journals, and reports.

PUBLICATIONS: *Journal, Indiana Dental Association* (10 issues a year); quarterly newsletter.

INFORMATION SERVICES: Answers brief inquiries for the public; permits onsite use of collection. Consulting, reference, literature-searching, abstracting, referral, and duplication services are provided to Association members only.

INDIANA DEPARTMENT OF MENTAL HEALTH

Division on Alcoholism

0857 Indiana Department of Mental Health
3000 West Washington St.
Indianapolis, Ind. 46222
Tel: (317) 636-3491

AREAS OF INTEREST: All aspects of alcohol misuse (alcoholism, drinking drivers, problem drinking in business and industry, professional training, community education).

HOLDINGS: Classified abstracts file of alcohol literature; small collection of books and periodicals.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; makes referrals; makes direct and interlibrary loans of material within the State; permits onsite use of literature collection.

INDIANA DENTAL ASSOCIATION

INDIANA DEPARTMENT OF NATURAL RESOURCES

Division of Fish and Wildlife

0858 Indiana Department of Natural Resources
Indiana State Office Bldg., Room 607
Indianapolis, Ind. 46209
Tel: (317) 633-5596

AREAS OF INTEREST: Fish and wildlife management and research in Indiana; conservation.

HOLDINGS: Technical reports, data compilations, project records, graphs and tables.

PUBLICATIONS: Annual report, brochures, press releases.

INFORMATION SERVICES: Answers inquiries; provides consulting services; distributes reports on request.

Division of Public Information and Education

0859 Indiana Department of Natural Resources
612 State Office Bldg.
100 North Senate Ave.
Indianapolis, Ind. 46204
Tel: (317) 633-4294

AREAS OF INTEREST: Activities, projects, and programs of the Indiana Department of Natural Resources; mineral, land, and water resources utilization; recreation activities; geology; entomology.

PUBLICATIONS: *Outdoor Indiana* (10 issues a year).

INFORMATION SERVICES: Answers inquiries.

INDIANA UNIVERSITY

Aerospace Research Applications Center

0860 Indiana University Foundation
Bloomington, Ind. 47405
Tel: (812) 337-7970

AREAS OF INTEREST: Industrial applications of Government-developed science and technology.

HOLDINGS: 600,000 microfiche containing unclassified documents from Atomic Energy Commission, Department of Commerce, and the National Aeronautics and Space Administration; 65,000 NASA documents; 300,000 taped literature citations; 250,000 abstracts on cards.

PUBLICATIONS: *Industrial Applications Reports* (weekly); *Computer Information Service* (monthly); *Marketing Information Service* (monthly); *Standard Interest Profiles* (monthly or semimonthly).

INFORMATION SERVICES: Answers inquiries; makes referrals; provides literature-searching services; permits onsite reference to Atomic Energy Commission documents.

Anatomy-Physiology Library

0861 Indiana University
Myers Hall
Bloomington, Ind. 47401
Tel: (812) 337-3347

AREAS OF INTEREST: All areas related to medicine and the treatment of disease, including anatomy, physiology, bacteriology, chemistry, and pathology.

HOLDINGS: 6,200 books; 3,300 journals; reports, motion pictures, photographs, charts. Publications are in English, Russian, Italian, Spanish, French, and German.

PUBLICATIONS: Acquisitions list.

INFORMATION SERVICES: Makes interlibrary loans; permits onsite use of collection.

Biology Library

0862 Indiana University
Jordan Hall
Bloomington, Ind. 47401
Tel: (812) 337-9791

AREAS OF INTEREST: Microbiology; botany; zoology.

HOLDINGS: 27,881 books; 37,784 journals; microfilms, photographs. Languages represented are English, Russian, Italian, Spanish, French, German, and Japanese.

PUBLICATIONS: Acquisitions list (monthly).

INFORMATION SERVICES: Makes interlibrary loans; permits onsite use of collection.

Culture Collection of Algae

0863 Department of Botany
Indiana University
Bloomington, Ind. 47401
Tel: (812) 337-5353

AREAS OF INTEREST: Preservation of strains of algae which have been used in research; isolation and characterization of new strains of algae for research.

HOLDINGS: Over 1,600 different strains of algae.

PUBLICATIONS: Catalog of cultures.

INFORMATION SERVICES: Answers inquiries; provides consulting services; provides living cultures of algae for research on cost basis.

Department of Zoology

0864 Attn: Dr. Frank N. Young
Indiana University
Bloomington, Ind. 47401
Tel: (812) 337-3985

AREAS OF INTEREST: Systematic zoology (aquatic coleoptera and insects of medical importance).

HOLDINGS: Reference collection and library.

INFORMATION SERVICES: Answers inquiries; provides reference services; identifies specimens.

Biological Stations

0865 Department of Zoology
224 Jordan Hall
Indiana University
Bloomington, Ind. 47401
Tel: (812) 337-3470

AREAS OF INTEREST: Fisheries biology; limnology.

HOLDINGS: Specimens of fish, aquatic plants, and cladocera; books, journals, photos, slides, maps, charts, graphs, abstracts, publication lists, data compilations, unevaluated data.

PUBLICATIONS: *Investigations of Indiana Lakes and Streams* (irregular); technical reports, reprints.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; permits onsite use of collections.

Institute for Sex Research, Inc.

0866 Indiana University
416 Morrison Hall
Bloomington, Ind. 47401
Tel: (812) 337-7686

AREAS OF INTEREST: Human sexual behavior.

HOLDINGS: The Institute has collected a total of 20,000 sexual case histories for males and females in the United States since 1938. Most of the data in the case histories have been transferred to punched cards. The collection also contains published materials, manuscript items, photographs, and graphic arts ranging from the scientific to pornographic. There are approximately 1,000 biographical accounts and diaries, 75,000 still photographs, 280,000 feet of motion picture film, a graphic and plastic arts collection of 25,000 items, an extensive collection of

0867

pamphlets and other ephemeral material, and 26,000 books, reprints, and journals.

PUBLICATIONS: A monograph series.

INFORMATION SERVICES: All holdings, except confidential materials, are available for research purposes to bona fide scholars. The library and archives do not participate in interlibrary loan, but fulfill mail requests for bibliographic searches, arrange visits for use of material, and provide duplication services within legal restrictions on a cost basis. A file of current research is maintained for referral purposes. Consulting services and data tabulations are provided at cost.

INDIANA UNIVERSITY AT INDIANAPOLIS

School of Dentistry Library

0867 Indiana University
1121 West Michigan St.
Indianapolis, Ind. 46202
Tel: (317) 264-7204

AREAS OF INTEREST: Dentistry and allied subjects of the health sciences, including dental caries, crown and bridgework, oral diagnosis, dental education, endodontics, fluorides, history of dentistry, oral hygiene, dental materials, operative dentistry, orthodontics, oral pathology, pedodontics, periodontics, dental practice, prosthodontics, and oral surgery.

HOLDINGS: 29,087 volumes, including 10,729 monographs, 15,944 bound journals, and 2,414 pamphlets; 680 periodical titles. Literature is collected in English, Russian, Italian, Spanish, French, German, Japanese, and the Scandinavian languages.

PUBLICATIONS: Acquisitions list (monthly); theses list (annual).

INFORMATION SERVICES: Answers inquiries; provides reference, literature-searching, abstracting and indexing, and duplication services; makes referrals; makes direct and interlibrary loans; permits onsite use of collection. Services are provided free to all members of the dental community.

School of Medicine Library

0868 Indiana University
1100 West Michigan St.
Indianapolis, Ind. 46202
Tel: (317) 264-7182

INDIANA UNIVERSITY AT INDIANAPOLIS

AREAS OF INTEREST: Medicine, nursing, and allied subjects.

HOLDINGS: 23,366 books; 64,835 journals; reports. Albanian, Czechoslovakian, Danish, Dutch, French, German, Hebrew, Italian, Japanese, Norwegian, Polish, Portuguese, Russian, Serbo Croatian, Slovenian, and Spanish sources are included.

PUBLICATIONS: Accessions list (bimonthly); *InU-M Serial Holdings*; *InU-M Library Handbook*; newsletter, three KWIC indexes to Public Health Service publications, and other Government publications.

INFORMATION SERVICES: Permits onsite use of collection; provides bibliographic assistance and personal loan privileges to all physicians and persons in allied professions in the State; provides duplication services for fee; makes interlibrary loans.

INDIANA UNIVERSITY OF PENNSYLVANIA LIBRARY

0869 Indiana, Pa. 15701
Tel: (412) 463-9111

AREAS OF INTEREST: Physical and biological sciences.

HOLDINGS: 45,000 books; 2,200 periodical titles; 95,000 reports; special collection on Pennsylvania history education. The Library is a depository for U.S. Government publications.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting, reference, and duplication services; makes direct and interlibrary loans; permits onsite use of collection. Some services are provided on fee basis. The Library serves as a District Library Center for Armstrong and Indiana Counties.

INDUSTRIAL HEALTH FOUNDATION, INC.

0870 5231 Centre Ave.
Pittsburgh, Pa. 15232
Tel: (412) 687-2100

The Industrial Health Foundation, Inc. was formerly known as the Industrial Hygiene Foundation of America, Inc.

AREAS OF INTEREST: Industrial hygiene; environmental and occupational health; respiratory diseases; aerosols; carcinogens; dust; fumes; gases; hazardous chemicals; environmental pollutants; irritants; employee mental health.

INSECT CONTROL AND RESEARCH, INC.

HOLDINGS: 2,000 books; over 40,000 abstracts filed by library classification code; 125 journals; 5,000 pamphlets.

PUBLICATIONS: *Industrial Hygiene Digest* (monthly); *Industrial Hygiene Highlights, Vol. 1* (1968); *Decennial Index* (1945-54, 1955-64); annual report; bulletins in chemical-toxicological series, engineering, law, medicine, and nursing; books, reports, reviews, bibliographies, abstracts, proceedings, reprints. A publications list is available.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, literature-searching, duplication, abstracting, and indexing services; makes referrals; makes interlibrary loans. Services are primarily for members, but limited services are provided to others as time permits.

Facilities include laboratory and field study equipment for environmental and occupational health research.

INDUSTRIAL MEDICAL ASSOCIATION

0871 150 North Wacker Dr.
Chicago, Ill. 60606
Tel: (312) 782-2166

AREAS OF INTEREST: Medicine, particularly occupational and preventive medicine.

HOLDINGS: Small collection of books and periodicals.

PUBLICATIONS: *Journal of Occupational Medicine* (monthly); *Membership Directory* (biennial).

INFORMATION SERVICES: Answers inquiries; provides reference services; makes referrals.

Occupational Health Institute

0872 Industrial Medical Association
150 North Wacker Dr.
Chicago, Ill. 60606
Tel: (312) 782-2166

AREAS OF INTEREST: Formulation and development of industrial medical programs and policies.

PUBLICATIONS: Reprints, pamphlets.

INFORMATION SERVICES: Answers brief inquiries; makes referrals; provides consulting services.

INFORMATION CENTER FOR HEARING, SPEECH, AND DISORDERS OF HUMAN COMMUNICATION

see Johns Hopkins University

0874

INFORMATION CENTER FOR INTERNAL EXPOSURE

see Oak Ridge National Laboratory

INLAND BIRD BANDING ASSOCIATION

0873 c/o Mrs. John Lueshen, President
RFD 2
Wisner, Nebr. 68791
Tel: (402) 529-6679

AREAS OF INTEREST: Ornithology.

HOLDINGS: File of reprints on aging and sexing of wild birds; listings of bird banding supplies and where to obtain them. Most members of the Association have bird banding records and will send data to others.

PUBLICATIONS: *Inland Bird Banding News* (bimonthly).

INFORMATION SERVICES: Answers inquiries; provides short lists of literature citations in response to specific inquiries; makes referrals.

INSECT CONTROL AND RESEARCH, INC.

0874 1111 North Rolling Rd.
Baltimore, Md. 21228
Tel: (301) 747-4502

AREAS OF INTEREST: Entomology; plant pathology; food plant sanitation; tropical agriculture; public health; screening of various toxicants using insects as test animals; screening of antimalarial compounds and other antiarthropod-borne disease compounds; mass production of various arthropods; educational biological kits and supplies.

HOLDINGS: Books, journals, reports, data, insect specimens, slides, etc.

INFORMATION SERVICES: Answers inquiries; provides consulting and literature-searching services for fee; permits onsite use of collections; conducts educational workshops in entomological and food plant sanitation fields.

0875

INSTITUTE FOR BEHAVIORAL RESEARCH, INC.

0875 2429 Linden Lane
Silver Spring, Md. 20910
Tel: (301) 585-3915

AREAS OF INTEREST: Control of behavior, as opposed to the prediction of behavior, as a method for validating knowledge and extending it to practical problems; functional analysis of behavior and identification of independent variables through laboratory control procedures.

HOLDINGS: Data collections, specimens, psychological testing devices, reports, books, films, experimental laboratories and field stations.

PUBLICATIONS: Research findings are published in technical reports.

INFORMATION SERVICES: Provides consulting and analytical testing services on grant or contract basis. Other information services, such as answering technical inquiries, preparing literature citations or bibliographies, and onsite use of the collection, depend on the areas of interest of the requester and the availability of Institute personnel.

INSTITUTE FOR CANCER RESEARCH

0876 7701 Burholme Ave.
Philadelphia, Pa. 19111
Tel: (215) 342-1000

AREAS OF INTEREST: Cancer research, with emphasis on biochemistry, genetics, embryology, and clinical programs.

HOLDINGS: 3,200 books; 9,100 journals; 1,200 pamphlets; clippings, tearsheets.

PUBLICATIONS: Newsletter, abstracts.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides literature-searching services; makes interlibrary loans; permits onsite use of collection.

INSTITUTE FOR HEALTH RESEARCH

0877 2728 Durant Ave.
Berkeley, Calif. 94704
Tel: (415) 548-5250

AREAS OF INTEREST: Health manpower utilization, including functional job analysis, job restructuring and health career development, and training program design and evaluation.

INSTITUTE FOR BEHAVIORAL RESEARCH, INC.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Reports and technical manuals.

INFORMATION SERVICES: Provides technical assistance and consulting services; makes referrals. Services are primarily for health and education workers in research or program development.

INSTITUTE FOR MEDICAL RESEARCH

0878 Copewood St.
Camden, N.J. 08103
Tel: (609) 966-7377

AREAS OF INTEREST: Medical research in microbiology, virology, oncology, cytology, and cell biology; tissue culture study.

HOLDINGS: 100 periodical titles; books.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; makes referrals; disseminates reprints on request.

INSTITUTE FOR MEDICAL RESEARCH AND STUDIES

0879 220 East 23d St.
New York, N.Y. 10010
Tel: (212) 689-1034

The Institute is supported, in part, by the National Institutes of Health.

AREAS OF INTEREST: Medical research (cancer, sugar flow metabolism, etc.); biochemistry.

HOLDINGS: Collection of books, periodicals, and reports.

PUBLICATIONS: Articles in scientific journals (reprints are available on request).

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals.

INSTITUTE FOR MUSCLE DISEASE, INC. LIBRARY

0880 515 East 71st St.
New York, N.Y. 10021
Tel: (212) 988-6800

AREAS OF INTEREST: Muscle and its diseases; neuromuscular disorders; muscular dystrophy and its treatment; physiology; biophysics; electron microscopy; experimental pathology; microbiology; protein chemistry; enzyme chemistry; organic chemistry; biochemistry; clinical investigation.

INSTITUTE OF ELECTRICAL AND ELECTRONICS

0883

HOLDINGS: 1,200 books; 221 periodical titles; reports.

INFORMATION SERVICES: Makes interlibrary loans; permits onsite reference by prior arrangement.

INSTITUTE FOR RESEARCH IN HYPNOSIS AND CENTER FOR CLINICAL RESEARCH IN HYPNOTHERAPY

0881 140 West End Ave.
New York, N.Y. 10023
Tel: (212) 874-5290

AREAS OF INTEREST: Hypnotherapy, hypnoanalysis, and specialized psychotherapeutic services utilizing hypnotic procedures; intensive training in hypnotherapy and hypnoanalysis for psychiatrists and psychologists; specialized training in hypnotic techniques for non-psychiatric physicians and specially selected behavioral scientists contemplating research work in the field of hypnosis or related areas of behavioral science.

HOLDINGS: 1,450 journals; reprints, motion pictures, slides, pamphlets, books, data.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; prepares analyses. Services are available to members of the medical, psychological, and dental professions and allied scientists.

INSTITUTE FOR RESEARCH IN VISION

see Ohio State University

INSTITUTE FOR SCIENTIFIC INFORMATION

0882 325 Chestnut St.
Philadelphia, Pa. 19106
Tel: (215) 923-3300

Branch Office:

7315 Wisconsin Ave.
Bethesda, Md. 20014
Tel: (301) 657-2366

AREAS OF INTEREST: Worldwide scientific and technical literature, including physical, chemical, mathematical, engineering, nuclear, agricultural, biological, pharmacological, medical, behavioral, social, and educational sciences.

HOLDINGS: 250 journals plus a large basic reference collection.

PUBLICATIONS: *Current Contents Life Sciences* (weekly); *Current Contents Physical Sciences* (weekly); *Current Contents Chemical Sciences* (weekly); *Current Contents Education* (weekly); *Current Contents Behavioral, Social, and Management Sciences* (weekly); *Index Chemicus* (weekly register and index of new chemical compounds and reactions); *Encyclopaedia Chimica Internationalis* (annual cumulation of *Index Chemicus* with rotoform, subject, formula, author, and journal indexes); *Permuterm Subject Index* (annual); *Science Citation Index* (quarterly and annual); *International Directory of Research and Development Scientists* (annual) listing the mailing address of publishing scientists with cross-reference by organization and location; reports, articles, state-of-the-art reviews.

INFORMATION SERVICES: In addition to the publications listed above, the Institute provides a number of services on a subscription or fee basis: *Index Chemicus Registry System* (monthly magnetic tape and printed listing of Wiswesser Line Notations and related data for 150,000 compounds covered in *Index Chemicus* each year); *Automatic Subject Citation Alert* (weekly); *ISI Source Index* and *Citation Index* computer tapes (weekly); *Original Article Tear Sheets* of original articles provided on demand; *ISI Search Service* for specific retrospective searches; and consulting on fee basis. The Institute's combined services annually cover some 400,000 current items published in over 3,000 source journals.

INSTITUTE FOR SEX RESEARCH, INC.

see Indiana University

INSTITUTE OF ARCTIC AND ALPINE RESEARCH

see University of Colorado

INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.

0883 345 East 47th St.
New York, N.Y. 10017
Tel: (212) 752-6800

AREAS OF INTEREST: All aspects of electrical and electronic engineering, including electronic aspects

0884

of such related fields as navigation, automatic control, medicine and biology, broadcasting, circuit theory, education, computers, geoscience, human factors, information theory, instrumentation and measurement, microwave, military science, nuclear science, product engineering, radio frequency interference, reliability, space telemetry, ultrasonics, communication, transportation, power, and solid state devices.

PUBLICATIONS: *IEEE Spectrum* and *Proceedings of the IEEE* (both monthly); newsletters, standards and specifications, pamphlets. The IEEE is also co-publisher with the Institution of Electrical Engineers, London, England, of two monthly abstract journals and two title journals covering the world's literature on electrical and electronics engineering and computers and controls.

INFORMATION SERVICES: IEEE provides information primarily through its publications, but the Director of Editorial Services will answer inquiries whenever possible or refer inquirers to the Engineering Societies Library and other headquarters offices, depending on the nature of the request.

INSTITUTE OF ENVIRONMENTAL SCIENCES

0884 940 East Northwest Highway
Mt. Prospect, Ill. 60056
Tel: (312) 255-1561

AREAS OF INTEREST: Environmental science, environmental engineering, and related technologies; acoustics; corrosion; cryogenics; data acquisition; electromagnetics; environmental pollution; nuclear radiation; shock and vibration; solar radiation; ultra high temperatures; space vacuum; marine environments; instrument metrology.

PUBLICATIONS: *Journal of Environmental Sciences* (bimonthly); *IES Meetings Proceedings* (annual); special publications, newsletter, brochure. A publications list is available.

INFORMATION SERVICES: Answers inquiries; sponsors tutorial sessions, technical equipment exhibits, and symposia.

INSTITUTE OF FOOD TECHNOLOGISTS

0885 221 North LaSalle St., Suite 2120
Chicago, Ill. 60601
Tel: (312) 782-8424

INSTITUTE OF ENVIRONMENTAL SCIENCES

AREAS OF INTEREST: Food technology; application of science and engineering to the research, production, processing, packaging, distribution, preparation, and utilization of foods; chemistry; biochemistry.

PUBLICATIONS: *Food Technology* (monthly journal); *Journal of Food Science* (bimonthly); *Food Science and Technology Abstracts* (monthly); membership directory (annual); reference materials.

INFORMATION SERVICES: The Institute's Subcommittee on Technical Assistance answers inquiries, especially from developing countries, in connection with food science and technology problems. Inquires should be directed to: Mr. Harold J. Rafson, Chairman, Subcommittee on Technical Assistance, Institute of Food Technologists, 1852 Dale Ave., Highland Park, Ill. 60035.

INSTITUTE OF INTERNATIONAL MEDICINE

see University of Maryland

THE INSTITUTE OF PAPER CHEMISTRY

0886 P.O. Box 1048
Appleton, Wis. 54911

Location:

1043 East South River St.
Appleton, Wis.
Tel: (414) 734-9251

AREAS OF INTEREST: Paper chemistry and technology in the broadest sense, including: forestry and forest genetics; pulping; bleaching; refining; paper and paperboard converting; wood chemistry; cellulose and carbohydrate chemistry; lignin chemistry; general organic, inorganic, and physical chemistry; fiber microscopy; physics; chemical engineering; mineralogy; aquatic biology; microbiology; plant biochemistry; plastics, textiles, and packaging applications; graphic arts; starch and other paper finish components; and instrumentation and testing.

HOLDINGS: The Institute's library collection represents the published matter of all major sources of pulp- and paper-related scientific information throughout the world since 1929. It regularly receives patent registers of 5 countries and journal and periodical literature of about 30 countries. Other materials are books, dissertations, proceedings of meetings, pamphlets, microfilms, and

informational advertisements. The Dard Hunter Paper Museum, located on the Institute's campus, contains artifacts, materials, and publications related to the history of papermaking from its invention to the introduction of papermaking machines.

PUBLICATIONS: *The Abstract Bulletin of the Institute of Paper Chemistry* (monthly); *Keyword Supplement to the Abstract Bulletin* in printed and computer tape form (monthly); *Scan*; technical reports, a bibliographic series, academic catalog, microcard patent service, conference proceedings, informational pieces.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, literature-searching, bibliographic, translating, and duplication services; lends doctoral theses; permits onsite reference; conducts market research surveys within the pulp, paper, and related industries.

INSTITUTE OF POLAR STUDIES

see Ohio State University

INTERIOR, DEPARTMENT OF THE

Assistant Secretary for Programs

0887 Office of the Secretary
U.S. Department of the Interior
18th and C Sts. NW.
Washington, D.C. 20240
Tel: (202) 343-4474

AREAS OF INTEREST: Natural resources, conservation, and environmental programs and projects.

HOLDINGS: Data on Department of Interior programs.

INFORMATION SERVICES: Answers general questions on technical subjects; refers specific questions on technical subjects to other organizations or specialists. (General questions on nontechnical subjects should be addressed to the Department's Director of Information.)

Bureau of Land Management

0888 U.S. Department of the Interior
18th and E Sts. NW.
Washington, D.C. 20240
Tel: (202) 343-5717

AREAS OF INTEREST: Range and forest management; wildlife habitat management; classification and

disposition of lands; protection of lands and resources; cadastral surveying; engineering; mineral leasing; water conservation; watershed management; stabilization of erosion; control of pollutants, sediments, and soluble solids; water control through construction of small dams; water quality; hydrology; flood prevention; phreatophyte control.

HOLDINGS: Manuals, standards, specifications.

PUBLICATIONS: *Our Public Lands* (quarterly); *Public Land Statistics* (annual); *BLM Newsletter* (for internal distribution).

INFORMATION SERVICES: Answers inquiries. Visual and audiovisual materials spotlighting various Bureau activities may be obtained through the Bureau's Information Office by reproduction or loan.

Bureau of Sport Fisheries and Wildlife

0889 Fish and Wildlife Service
U.S. Department of the Interior
18th and C Sts. NW.
Washington, D.C. 20240
Tel: (202) 737-1820

The Bureau of Sport Fisheries and Wildlife has responsibility for the development, conservation, and utilization of the Nation's fish and wildlife resources. It is specifically responsible for wild birds, mammals, and sport fisheries.

AREAS OF INTEREST: Conservation, protection, and management of fish and wildlife resources; refuges for wild birds and mammals; fish husbandry and management; fish hatcheries for sport fish; fish diseases; limnology; river basin studies; effect of pesticides on waters and living natural resources.

PUBLICATIONS: *Wildlife Review* (quarterly); *Sport Fishery Abstracts* (quarterly); *The Progressive Fish-Culturist* (quarterly); *Progress in Sport Fishery Research* (annual); *Federal Aid in Fish and Wildlife Restoration* (annual); *Wildlife Research Programs and Progress* (annual). A list of publications is available from the Bureau.

INFORMATION SERVICES: Answers inquiries. In addition, the Bureau maintains five regional offices which answer inquiries regarding the Bureau's projects and research. The addresses of the regional offices are:

U.S. Bureau of Sport Fisheries and Wildlife
730 Northeast Pacific St.
P.O. Box 3737
Portland, Oreg. 97208
Tel: (503) 234-3361 Ext. 4050

U.S. Bureau of Sport Fisheries and Wildlife
500 Gold Ave. SW.
P.O. Box 1306

0890

Albuquerque, N. Mex. 87101
Tel: (505) 843-2321

U.S. Bureau of Sport Fisheries and Wildlife
Federal Bldg., Fort Snelling
Twin Cities, Minn. 55111
Tel: (612) 334-2846

U.S. Bureau of Sport Fisheries and Wildlife
Peachtree-Seventh Bldg.
Atlanta, Ga. 30323
Tel: (404) 526-5100

U.S. Bureau of Sport Fisheries and Wildlife
U.S. Post Office and Courthouse
Boston, Mass. 02109
Tel: (617) 223-2961

Division of Fish Hatcheries

0890 Bureau of Sport Fisheries and Wildlife
U.S. Department of the Interior
18th and C Sts. NW.
Washington, D.C. 20240

Location:

Matomic Bldg., Room 637
1717 H St. NW.
Washington, D.C.
Tel: (202) 343-2197

AREAS OF INTEREST: Hatchery production of fish for waters under Federal management; development of new fish-cultural techniques and equipment.

HOLDINGS: Wildlife oriented recreational and educational facilities.

PUBLICATIONS: Fish Hatchery Leaflets, Fishery Leaflets, Resource Publications, manuals, annual report.

INFORMATION SERVICES: Answers inquiries; provides consulting services to other Federal and State agencies and the general public; provides technical assistance to commercial and State hatcheries; provides disease diagnostic services; operates training schools.

Division of Fishery Research

0891 Bureau of Sport Fisheries and Wildlife
U.S. Department of the Interior
Washington, D.C. 20240

Location:

1717 H St. NW.
Washington, D.C.
Tel: (202) 343-2639

AREAS OF INTEREST: Conservation of fish; effects of pollution on the aquatic environment; diseases and

INTERIOR, DEPARTMENT OF THE

nutrition of food and recreational fish species; fish genetics; ecology of large freshwater reservoirs and the Great Lakes; water quality; effect of water environment on abundance, distribution, and migration of fish.

PUBLICATIONS: Research reports, technical papers, fish disease leaflets.

INFORMATION SERVICES: Answers inquiries; makes referrals.

Division of Fishery Services

0892 Bureau of Sport Fisheries and Wildlife
U.S. Department of the Interior
Washington, D.C. 20240

Location:

1717 H St. NW.
Washington, D.C.
Tel: (202) 343-7504

AREAS OF INTEREST: Protection and preservation of the nation's sports fishery resources; water quality improvement through pollution-abatement measures; surveillance of the use of pesticides in river basins; pesticide residues in fish and other aquatic organisms, water, and aquatic substrates; fisheries management programs on Indian and military lands.

HOLDINGS: Division library with limited coverage.

PUBLICATIONS: Technical and informational reports, annual report.

INFORMATION SERVICES: Answers inquiries; provides consulting services to other Federal agencies; provides reference to suitable publications.

Division of Management and Enforcement

0893 Bureau of Sport Fisheries and Wildlife
U.S. Department of the Interior
18th and C Sts. NW.
Washington, D.C. 20240
Tel: (202) 343-3191

AREAS OF INTEREST: Development and enforcement of regulations for management of migratory birds; issuance of permits for migratory birds and rare and endangered species of wildlife; controls on importation of wildlife from foreign nations; enforcement of laws controlling interstate shipment of illegally taken fish and wildlife.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services to other Federal and State agencies.

Division of River Basin Studies

0894 Bureau of Sport Fisheries and Wildlife
U.S. Department of the Interior
18th and C Sts. NW.
Washington, D.C. 20240
Tel: (202) 343-4442

AREAS OF INTEREST: Mitigation of damage to fish and wildlife resources caused by damming of rivers, channel construction, and other water development activities; effect of water development measures on habitat, population, and harvestability of fish and wildlife; utilization of reservoirs; river basin studies.

INFORMATION SERVICES: Answers inquiries; makes referrals.

Division of Wildlife Refuges

0895 Bureau of Sport Fisheries and Wildlife
U.S. Department of the Interior
18th and C Sts. NW.
Washington, D.C. 20240
Tel: (202) 343-3923

AREAS OF INTEREST: Protection, preservation, and management of a national network of lands aggregating 30.2 million acres in all but four States in such a manner as to meet peoples' needs associated with migratory birds, other wild creatures, and wildlands, including provision of wildlife-oriented recreation, stewardship of wildlands and wildlife, increasing man's knowledge and understanding of the natural world, and supporting the healthy material growth of the nation.

INFORMATION SERVICES: Answers inquiries; makes referrals.

Division of Wildlife Research

0896 Bureau of Sport Fisheries and Wildlife
U.S. Department of the Interior
Washington, D.C. 20240

Location:

1717 H St. NW.
Washington, D.C.
Tel: (202) 343-4102

AREAS OF INTEREST: Studies of the distribution, abundance, life histories, habitat requirements, and ecological relationships of waterfowl, other migratory birds, and wildlife inhabiting public lands; wildlife conservation; life history studies and diseases of waterfowl; aquatic weed control; bird-aircraft hazards; crop damage caused by birds; development of selective control methods for noxious birds and

mammals; preservation of rare and endangered mammals and birds; effects of pesticides on life processes and survival of wildlife.

HOLDINGS: Research data; statistical computations and analyses.

PUBLICATIONS: *Wildlife Research; Problems, Programs, Progress* (annual report); occasional reports in *Special Scientific Reports--Wildlife and Resource Reports*; scientific papers in technical journals.

INFORMATION SERVICES: Answers inquiries; makes referrals.

BIRD AND MAMMAL LABORATORIES

0897 U.S. National Museum
10th St. and Constitution Ave. NW.
Washington, D.C. 20560
Tel: (202) 381-5365

AREAS OF INTEREST: Taxonomy, distribution, and life histories of North American birds and mammals.

HOLDINGS: Extensive collection of bird and mammal specimens.

INFORMATION SERVICES: Provides authoritative information on North American birds and mammals; identifies specimens or limited remains; permits onsite use of specimen collection by scientists.

DENVER WILDLIFE RESEARCH CENTER

0898 U.S. Bureau of Sport Fisheries and Wildlife
Building 16, Federal Center
Denver, Colo. 80225
Tel: (303) 233-3611 Ext. 6626

AREAS OF INTEREST: Wildlife ecology and animal behavior; bird and rodent depredation control; pollution of wildlife and environment by pesticides and other deleterious substances.

HOLDINGS: Bureau publications and pamphlets, books, periodicals, reprints, technical reports.

PUBLICATIONS: Specialized technical reports, Bureau publications, technical articles in journals.

INFORMATION SERVICES: Primarily to cooperators with limited interlibrary loans and onsite reference.

MIGRATORY BIRD POPULATIONS STATION

0899 Laurel, Md. 20810
Tel: (301) 776-4880

AREAS OF INTEREST: Migratory bird population dynamics; bird migration; distribution and abundance of waterfowl and other game bird species in North America.

0900

HOLDINGS: Banding records, including banding records of all North American migratory birds.

INFORMATION SERVICES: Data on migratory birds is available to organizations and individuals cooperating in the Station's international birdbanding program.

NORTHERN PRAIRIE WILDLIFE RESEARCH CENTER

0900 Jamestown, N. Dak. 58401
Tel: (701) 252-5363

AREAS OF INTEREST: Wildlife management and conservation; waterfowl habitat management; ecology of prairie wetlands; wildlife in relation to agricultural practices; migratory bird habitat requirements; game bird propagation; avian physiology; avian diseases; plant ecology.

HOLDINGS: Publications and unpublished data in areas of interest.

INFORMATION SERVICES: Makes interlibrary loans.

PATUXENT WILDLIFE RESEARCH CENTER

0901 Laurel, Md. 20810
Tel: (301) 776-4880

AREAS OF INTEREST: Wildlife management and conservation; wildlife habitat requirements; life history, diseases, and parasites of wildlife; bird depredations control; pollution of animals and the environment by pesticides and other contaminants; preservation of rare and endangered wildlife species.

HOLDINGS: Publications and unpublished data in areas of interest.

INFORMATION SERVICES: Makes interlibrary loans.

Division of Wildlife Services

0902 Bureau of Sport Fisheries and Wildlife
U.S. Department of the Interior
Washington, D.C. 20240

Location:

1717 H St. NW.
Washington, D.C.
Tel: (202) 343-8213

AREAS OF INTEREST: Animal damage control (controlling animal populations when and where necessary to protect public health and safety, crops and livestock, forest, range, and wildlife resources, and urban and industrial facilities); wildlife enhancement (encouragement of a wide variety and abundance of wildlife on Indian lands, on military

INTERIOR, DEPARTMENT OF THE

and other Federal lands, and on select private lands; preservation of marshlands; highway and airport planning to minimize the detrimental impact on wildlife habitat; limited urban and rural planning to benefit wildlife); pesticide appraisal and monitoring to determine effects of chemical pollutants on wildlife.

PUBLICATIONS: Technical reports, public informational circulars, brochures, articles.

INFORMATION SERVICES: Answers inquiries; provides consulting services and technical planning assistance to other agencies.

Eastern Fish Disease Laboratory

0903 U.S. Bureau of Sport Fisheries and Wildlife
Leetown, Rt. 1
Kearneysville, W. Va. 25430
Tel: (304) 725-2553

AREAS OF INTEREST: Bacterial, virus, and parasitic diseases of fishes; fish tissue culture; histology, histopathology, and histochemistry of fishes; diagnosis and treatment of Eastern fish diseases; training of fish culturists.

HOLDINGS: Fish disease specimens; a literature collection.

PUBLICATIONS: Research results are published in Bureau publications and in science journals.

INFORMATION SERVICES: Answers inquiries about the Laboratory's work and provides literature concerning its accomplishments; provides identification and diagnosis of fish disease within reasonable limits; permits onsite use of collections.

Fish Control Laboratory (La Crosse, Wis.)

0904 U.S. Bureau of Sport Fisheries and Wildlife
P.O. Box 862
La Crosse, Wis. 54601

Location:

Riverside Park
La Crosse, Wis.
Tel: (608) 784-9666

AREAS OF INTEREST: Fish control chemicals, including modes of action, formulations, and toxicity or effects on other aquatic life; fish anesthetics, sterilants, and attractants; control of sea lampreys in the Great Lakes.

HOLDINGS: Reprints on fisheries, chemicals-fish relations, pollutants-fish relations, and pesticides-fish

INTERIOR, DEPARTMENT OF THE

0909

relations; collection of books, periodicals, and reports.

PUBLICATIONS: Research results are published in the Bureau's *Investigations in Fish Control* and in science journals.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and limited translation services; permits onsite use of collection.

Fish Control Laboratory (Warm Springs, Ga.)

0905 U.S. Bureau of Sport Fisheries and Wildlife
Route 1, Box 9
Warm Springs, Ga. 31830
Tel: (404) 655-3573

AREAS OF INTEREST: Fish control chemicals, including modes of action, formulations, and toxicity or effects on other aquatic life; fish anesthetics, sterilants, and attractants.

HOLDINGS: Reprints on fisheries, chemicals-fish relations, pollutants-fish relations, and pesticides-fish relations; collection of books, periodicals, and reports.

PUBLICATIONS: Research results are published in the Bureau's *Investigations in Fish Control* and in science journals.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and limited translation services; permits onsite use of collection.

Fish Farming Experimental Station

0906 U.S. Bureau of Sport Fisheries and Wildlife
Box 860
Stuttgart, Ark. 72160
Tel: (501) 922-6775

AREAS OF INTEREST: Warm-water fish culture, particularly catfishes; fish genetics and breeding; warm-water fish parasite identification and control; pond design and construction; soil and water relationships of fish ponds; fish farming management; toxicity of farm chemicals to fish; analytical methods for determination of organic and inorganic components in vats and soil; fish feed formulation; feed processing; statistical analysis of fish growth response to treatment; interactions of stocking density; water chemistry.

HOLDINGS: Literature collection.

PUBLICATIONS: Research results are published in Bureau publications and in science journals.

INFORMATION SERVICES: Provides technical information and advisory services.

Fish Genetics Laboratory

0907 U.S. Bureau of Sport Fisheries and Wildlife
Beulah, Wyo. 82712
Tel: (307) 643-2255

AREAS OF INTEREST: Genetics of selected species of game fish.

HOLDINGS: Fish specimens; a literature collection.

PUBLICATIONS: Research results are published in Bureau publications and in science journals.

INFORMATION SERVICES: Answers inquiries about the Laboratory's work and provides literature concerning its accomplishments; permits onsite use of collections.

Fish- Pesticide Research Laboratory

0908 U.S. Bureau of Sport Fisheries and Wildlife
Route 1
Columbia, Mo. 65201
Tel: (314) 442-2271 Ext. 3101

AREAS OF INTEREST: Effects of pesticides on fish.

HOLDINGS: A reference library; data on toxicity of pesticides to fish.

PUBLICATIONS: Technical publications on pesticides and fish (irregular).

INFORMATION SERVICES: Answers inquiries about the Laboratory's work and provides literature concerning its accomplishments; provides identification and diagnosis of pesticide-exposed fish within reasonable limits.

Great Lakes Fishery Laboratory

0909 U.S. Bureau of Sport Fisheries and Wildlife
P.O. Box 640
Ann Arbor, Mich. 48107

Location:

1451 Green Rd.
Ann Arbor, Mich.

Tel: (313) 769-7100 Ext. 461

AREAS OF INTEREST: Fishes (life history, population dynamics), plankton, bottom fauna, bottom sediments, and water chemistry, all related to the Great Lakes and immediate tributary waters; pesticides in Great Lakes fish; trace metals in the Great Lakes; heavy metal pollution in the Great Lakes.

0910

HOLDINGS: 20,000 reports; 200 photos; 300 slides; 1,000 books; 40,000 preprints and reprints; periodicals, specimens, samples, data, motion picture films.

PUBLICATIONS: Quarterly reports.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services; permits onsite reference to literature collection (specimens, samples, and data are collected for research in progress and are not generally available for reference).

Facilities include an IBM 1130 computer.

North Center Reservoirs Investigations

0910 U.S. Bureau of Sport Fisheries and Wildlife
P.O. Box 139
Yankton, S. Dak. 57078
Tel: (402) 667-9636

AREAS OF INTEREST: Sport fishery resources of Missouri River mainstream reservoirs (life histories and population dynamics); reservoir limnology; fish sampling techniques.

HOLDINGS: Fish specimens.

INFORMATION SERVICES: Answers inquiries relating to the Investigations' work and accomplishments; permits onsite use of collection.

Salmon- Cultural Laboratory

0911 U.S. Bureau of Sport Fisheries and Wildlife
1440 Abernathy Rd.
Longview, Wash. 98632
Tel: (206) 425-6072

AREAS OF INTEREST: Artificial propagation of salmon; salmon hatchery operations; marking of salmon; effects of salmon raceway types on young salmon; salmon diets.

HOLDINGS: Fish specimens; a literature collection.

PUBLICATIONS: Research results are published in Bureau publications and in science journals.

INFORMATION SERVICES: Answers inquiries about the Laboratory's work and provides literature concerning its accomplishments; permits onsite use of collections.

Sierra Nevada Aquatic Research Laboratory

0912 U.S. Bureau of Sport Fisheries and Wildlife
Route 3, Box 198
Bishop, Calif. 93514
Tel: (714) 935-4334

INTERIOR, DEPARTMENT OF THE

AREAS OF INTEREST: Adaptation of aquatic animals (fish and invertebrate) to montane and alpine waters; biochemical and physiological effects of dissolved minerals and natural products on aquatic animals; fish anesthetics, antimetabolites, and goitrogens; bioassay of chemical additives to experimental waters (effects on aquatic animals); determination and monitoring of dissolved radioisotopes.

HOLDINGS: 5,000 specialized reports; small collection of books and periodicals.

PUBLICATIONS: Research reports.

INFORMATION SERVICES: Answers inquiries; provides reference services free to study-related professionals; disseminates reports.

South Central Reservoirs Investigations

0913 U.S. Bureau of Sport Fisheries and Wildlife
113 South East St.
Fayetteville, Ark. 72701
Tel: (501) 443-2301 Ext. 585

AREAS OF INTEREST: Sport fishery resources of White River Basin reservoirs (life histories and population studies); reservoir limnology; fishery management techniques.

HOLDINGS: Fish specimens.

INFORMATION SERVICES: Answers inquiries relating to the Investigations' work and accomplishments; permits onsite use of collection.

Southeastern Fish Cultural Research Laboratory

0914 U.S. Bureau of Sport Fisheries and Wildlife
Marion, Ala. 36756
Tel: (205) 683-7911

AREAS OF INTEREST: Warm-water fish propagation; use of hormones in fish spawning; determination of sex and sterility of propagated fish; effects of diets on growth and characteristics of fish blood; hybrid catfishes; effects of pesticides, including Endrin and other chlorinated hydrocarbons, on fish and fish food organisms, how they are metabolized in controlled and field environments, and their ultimate fate; use of drugs for disease and parasite treatment and induced spawning.

HOLDINGS: Reference collections of fish specimens and fish disease specimens; a literature collection of books and reports.

PUBLICATIONS: Research results are published in Bureau publications and in science journals.

INFORMATION SERVICES: Answers inquiries about the Laboratory's work and provides literature concerning its accomplishments; permits onsite use of collections.

Tunison Laboratory of Fish Nutrition

0915 U.S. Bureau of Sport Fisheries and Wildlife
Cortland, N.Y. 13045
Tel: (607) 756-2455

AREAS OF INTEREST: Nutritional requirements of trout; trout hatchery diets; trout physiology.

HOLDINGS: Fish specimens; a literature collection.

PUBLICATIONS: Research results are published in the *Fisheries Research Bulletin* (Cortland Hatchery Report), New York Conservation Department.

INFORMATION SERVICES: Answers inquiries relating to the Laboratory's work and provides literature concerning its accomplishments; makes referrals; permits onsite use of collections.

Western Fish Disease Laboratory

0916 U.S. Bureau of Sport Fisheries and Wildlife
Sand Point Naval Air Station, Building 204
Seattle, Wash. 98115
Tel: (206) 527-3530

AREAS OF INTEREST: Bacterial, parasitic, and virus diseases of Western sport fishes, particularly of anadromous species; histology and histopathology of fishes; diagnosis and treatment of Western fish diseases.

HOLDINGS: Fish disease specimens; a literature collection.

PUBLICATIONS: Research results are published in Bureau publications and in science journals.

INFORMATION SERVICES: Answers inquiries about the Laboratory's work and provides literature concerning its accomplishments; provides identification and diagnosis of fish disease within reasonable limits; permits onsite use of collections.

Western Fish Nutrition Laboratory

0917 U.S. Bureau of Sport Fisheries and Wildlife
Willard Laboratory
Star Route
Cook, Wash. 98605
Tel: (509) 538-2311

AREAS OF INTEREST: Nutritional requirements of Western salmonids; nutritional deficiencies; availability of nutrients in natural fish diets; dietary formu-

las for survival, growth, and return of salmon; effects of pollutants on salmonids.

HOLDINGS: Fish specimens; a literature collection.

PUBLICATIONS: Research results are published in Bureau publications and in science journals.

INFORMATION SERVICES: Answers inquiries about the Laboratory's work and provides literature concerning its accomplishments; permits onsite use of collections.

National Fisheries Center and Aquarium

0918 U.S. Department of the Interior
18th and C Sts. NW., Room 2228
Washington, D.C. 20240
Tel: (202) 343-5868

AREAS OF INTEREST: Aquarium design and technology; water quality and reuse.

INFORMATION SERVICES: Answers inquiries regarding aquarium design and technology; makes referrals to other specialists in the fisheries field.

National Park Service

Office of Information

0919 National Park Service
U.S. Department of the Interior
18th and C Sts. NW.
Washington, D.C. 20240
Tel: (202) 343-6843

AREAS OF INTEREST: Parks and natural, historical, and recreational lands and facilities (land acquisition, design, safety, visitor protection, architecture, construction, maintenance); conservation of scenery, natural objects, and wildlife; mountaineering; camping; search and rescue; American history (military, political, economic, cultural); historic sites, buildings, and landmarks; archeology and natural history of river basins and dam sites; geology; geological mapping; paleontology; geochronology; glaciology; hydrothermal studies; palynology; economics (impact of recreational developments on local economies); biology; national park fauna and flora and control of unnatural diseases and insect pests; tree husbandry; forest fire control; natural history of sheep, bears, elk, moose, and wolves; fragile alpine environments; radiological monitoring of fish and fisheries; beach maintenance; environmental education; urban park activities.

0920

PUBLICATIONS: *National Parks of the United States* (8 maps plus concise information of United States; Midwest; New York City; Northeast; Southeast; Southwest; Washington, D.C.; and West); *National Park Service Preservation Programs* (Archeological Program; Natural Landmarks Program; Historic American Buildings Survey; National Historic Landmarks Program; National Register of Historic Places); *Living History in the National Park System*; *Visitor Facilities and Services Furnished by Concessioners*; *Administrative Policies* (3 volumes: *Natural Areas*; *Historical Areas*; *Recreational Areas*); *Public Use of the National Parks: A Statistical Report* (cumulative monthly report of National Park System visits for calendar and fiscal years; December report has yearly totals for last two years); *Boating Regulations in the National Park System*; *Camping in the National Park System*; *Fishing in the National Park System*; *Back-Country travel in the National Park System*; *Winter Activities in the National Park System*; *Travel and the National Parks: An Economic Study*; *Careers in the National Park Service*; *Seasonal Employment in the National Park Service*; *Training Opportunities*; *Welcome to Washington* (a visitor's aid); brochures on the various units of the National Park System and historical and natural history handbooks.

INFORMATION SERVICES: Answers inquiries concerning the natural, historical, and recreational units of the National Park System; makes referrals to other offices of the National Park Service when inquiries involve scientific, historical, or other programs of the Service; provides consulting services as staff time permits.

Prince William Forest Park

0920 P.O. Box 208
Triangle, Va. 22172
Tel: (703) 221-7181

Prince William Forest Park is a National Environmental Study Area (NESA) and site of the National Environmental Education Development (NEED) program.

AREAS OF INTEREST: History, natural history, and archeology of Prince William Forest area.

HOLDINGS: 18,572 acres of park land; herbarium and other biological collections; 750 color slides; small collection of books, journals, pamphlets, and technical reports.

PUBLICATIONS: Brochure.

INFORMATION SERVICES: Answers inquiries; identifies Park flora and fauna; makes referrals; permits onsite use of collections.

INTERIOR, DEPARTMENT OF THE

Saguaro National Monument

0921 P.O. Box 17210
Tucson, Ariz. 85710
Tel: (602) 298-2036

AREAS OF INTEREST: Natural history at Saguaro National Monument.

HOLDINGS: 1,216 mineral, plant, and animal specimens; 4,000 slides; 523 books; journals, pamphlets, reprints, clippings.

INFORMATION SERVICES: Answers inquiries; makes referrals.

Sequoia National Park

0922 c/o Sequoia and Kings Canyon National
Parks
Three Rivers, Calif. 93271
Tel: (209) 565-3301

AREAS OF INTEREST: Natural history (geology, animal life, plant life), history, ethnology, and archeology relating to Sequoia National Park, Kings Canyon National Park, and Sierra Nevada; mountaineering and ecology of Sierra Nevada; conservation; Mt. Whitney; John Muir Trail.

HOLDINGS: The world's greatest stands of the giant sequoia, the largest living thing; collection of specimens and artifacts; a library containing books, journals, reports, maps and charts, historical letters and papers, other archival material, photographs, and motion pictures.

PUBLICATIONS: Descriptive pamphlets.

INFORMATION SERVICES: Answers inquiries; provides reference services; permits onsite use of collections.

Office of Information

0923 Office of the Secretary
U.S. Department of the Interior
18th and C Sts. NW.
Washington, D.C. 20240
Tel: (202) 343-3171

AREAS OF INTEREST: Conservation and management of natural resources.

INFORMATION SERVICES: This Office handles inquiries regarding general aspects of the Department's programs in conservation and management of natural resources. Questions concerning specific aspects should be directed to the appropriate bureau or office. The Office issues press releases announcing reports and publications on research conducted by the Department, on awarding of contracts, and on other

INTERNATIONAL ASSOCIATION ON WATER POLLUTION

0928

activities of interest to the general public and the scientific community. It also issues general-interest publications and leaflets on certain phases of conservation research.

Office of Library Services

0924 U.S. Department of the Interior
18th and C Sts. NW.
Washington, D.C. 20240
Tel: (202) 343-5815

AREAS OF INTEREST: Conservation; research in and development of natural resources (domestic and foreign), including minerals, water, fish, and wildlife; public lands; American art and history, with emphasis on areas designated as national monuments or of national historic interest; parks (national, state, local, foreign); outdoor recreation, including recreational areas, facilities, and outdoor sports; American Indians (history, legal aid, social and economic development); territories administered by the United States; hydroelectric power and irrigation (domestic and foreign); law and legislation.

HOLDINGS: 750,000 books; 5,000 periodicals; 4,000 serials; translations, microforms. The Library is the official depository for all Department publications, and maintains a small rare book collection, with emphasis on the field of natural history.

PUBLICATIONS: *Environmental Awareness Reading List* (twice monthly); bibliographies (irregular).

INFORMATION SERVICES: Answers inquiries; makes referrals; provides "table of contents" services in periodicals in the fields of management and law; makes interlibrary loans; provides duplication and translation-searching services. The Library provides regular services to all bureaus and offices of the Department in the Washington area with the exception of the Geological Survey, which maintains a separate library facility. It also serves Department field offices as requested.

INTERNATIONAL ACADEMY OF CYTOLOGY

0925 5841 South Maryland Ave.
Chicago, Ill. 60637
Tel: (312) 947-5343 (Editorial Office)

AREAS OF INTEREST: Exfoliative cytology (diagnoses, techniques, research).

HOLDINGS: Small collection of periodicals.

PUBLICATIONS: *ACTA Cytologica* (bimonthly journal).

INFORMATION SERVICES: Answers inquiries; provides consulting services; provides reference and literature-searching services to members; makes referrals. Services are primarily for members and fellows of the Academy.

INTERNATIONAL ASSOCIATION FOR DENTAL RESEARCH

0926 211 East Chicago Ave.
Chicago, Ill. 60611
Tel: (312) 337-1645

AREAS OF INTEREST: Dental research; oral pathology; adhesives; anesthetics; antibiotics; carcinogens; narcotics; aerosols; corticosteroids; drugs; allergy.

PUBLICATIONS: *Journal of Dental Research* (bimonthly); newsletter.

INFORMATION SERVICES: Answers inquiries; makes referrals.

INTERNATIONAL ASSOCIATION FOR IDENTIFICATION

0927 P.O. Box 139
Utica, N.Y. 13503

Location:

7 Parkway Pl.
New Hartford, N.Y.
Tel: (315) 732-2897

AREAS OF INTEREST: The science of identification and investigation; fingerprints; photography; firearms identification; questioned document examination; chemistry and toxicology, etc.

PUBLICATIONS: *Identification News* (monthly); annual roster of members.

INFORMATION SERVICES: Answers inquiries; makes referrals. Services are primarily for law enforcement personnel, but brief inquiries from others are answered as time permits.

INTERNATIONAL ASSOCIATION ON WATER POLLUTION RESEARCH

0928 c/o Mr. Robert Canham
Secretary, U.S. National Committee, IAWPR
3900 Wisconsin Ave. NW.
Washington, D.C. 20016

0929

Tel: (202) 362-4100

AREAS OF INTEREST: All aspects of water quality management; effects of pollution on aquatic and marine biota; municipal and industrial waste treatment; stream pollution; applied limnology; quantitative ecology and marine water quality, including waste dispersal systems; waste water reclamation and reuse.

PUBLICATIONS: *Water Research* (monthly journal); *Proceedings of International Conferences on Water Pollution Research*.

INFORMATION SERVICES: Answers inquiries; makes referrals; sponsors international conferences on water pollution research and supports national symposia; provides consulting services to international agencies.

INTERNATIONAL BIOTOXICOLOGICAL CENTER

see World Life Research Institute

INTERNATIONAL BUSINESS MACHINES CORP.

IBM Medical Liaison Service

0929 International Business Machines Corp.
P.O. Box 369
Yorktown Heights, N.Y. 10598
Tel: (914) 245-6050

AREAS OF INTEREST: Application of computers and other information handling systems to medical practice and research, to biological investigation, and to the administrative problems of hospitals and clinics.

PUBLICATIONS: Technical reports, brochures, reprints, and the Proceedings of the IBM Medical Symposia are provided without charge.

INFORMATION SERVICES: Answers inquiries and provides reference services for the medical community.

INTERNATIONAL CHIROPRACTORS ASSOCIATION

0930 741 Brady St.
Davenport, Iowa 52808
Tel: (319) 322-4447

AREAS OF INTEREST: Science of chiropractic.

INTERNATIONAL BIOTOXICOLOGICAL CENTER

HOLDINGS: Chiropractic analytical instruments; journals, standards and specifications, publication lists, pamphlets, news releases.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals. A fee may be charged for extensive services.

INTERNATIONAL EYE FOUNDATION

0931 Sibley Memorial Hospital
Washington, D.C. 20016
Tel: (202) 966-3816

AREAS OF INTEREST: Fellowship programs, visiting professors, surgical teams, and the establishment of eye banks for the prevention and cure of blindness throughout the world.

HOLDINGS: Small collection of books and reports.

PUBLICATIONS: Newsletter, brochures, annual report.

INFORMATION SERVICES: Answers inquiries and provides consulting services free.

INTERNATIONAL OCEANOGRAPHIC FOUNDATION

0932 10 Rickenbacker Causeway, Virginia Key
Miami, Fla. 33149
Tel: (305) 361-2186

AREAS OF INTEREST: Marine resources; ocean currents; geology, chemistry, physics, medicine, and engineering concerning the sea; game and food fishes.

HOLDINGS: Books, journals, data.

PUBLICATIONS: *Sea Frontiers* (6 issues a year, containing general articles on all phases of marine science and technology and book reviews); *Sea Secrets* (6 issues a year, information bulletin and question-and-answer series); *Training and Careers in Marine Science*; proceedings.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services; sponsors International Game Fish Conference.

INTERNATIONAL PAPER CO.

Southlands Experiment Forest

0933 Southern Kraft Division
International Paper Co.
Route 1
Bainbridge, Ga. 31717

INTERSTATE SANITATION COMMISSION

Tel: (912) 246-3642

AREAS OF INTEREST: General forest management; general wildlife and outdoor recreation management; quantitative forest genetics.

HOLDINGS: Small library of forestry oriented books and publications.

PUBLICATIONS: *Technical Notes* on results of research (distributed free).

INFORMATION SERVICES: Answers inquiries.

INTERNATIONAL REFERENCE ORGANIZATION IN FORENSIC MEDICINE (INFORM)

0934 c/o Dr. William G. Eckert
Laboratory, St. Francis Hospital
Wichita, Kans. 67214
Tel: (316) 262-6211 Ext. 131

AREAS OF INTEREST: Forensic medicine; forensic pathology; forensic psychiatry; forensic odontology; cultural anthropology; police science; immunohematology; clinical toxicology.

HOLDINGS: Large collection of reference information on the forensic literature in many foreign countries; over 1,000 periodical titles; books, reports.

PUBLICATIONS: *Inform* (quarterly newsletter); *Mono-graph Series in Forensic Medicine (I-Pathology of Marine Environs; II-Drug and Drug Problem: A Forensic Problem; III-Homicide)*; 40 years of indexed literature compilations on homicide, suicide, death, cadaver, autopsy, drowning, diving, and dangerous marine animals.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and literature-searching services; makes referrals.

INTERNATIONAL REMOTE SENSING INSTITUTE

0935 6151 Freeport Blvd.
Sacramento, Calif. 95822
Tel: (916) 422-9631

AREAS OF INTEREST: Remote sensing applications to environmental monitoring, natural resources inventorying, and land use studies.

HOLDINGS: 500 periodical titles; books, reports.

PUBLICATIONS: *Journal of Remote Sensing* (bimonthly); *Probe* (irregular newsletter); occasional special reports.

0937

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and literature-searching services; makes referrals; sponsors seminars and symposia. Fees may be charged.

INTERNATIONAL SOCIETY ON TOXINOLOGY

American Office

0936 International Society on Toxinology
Box 323, 1200 North State St.
Los Angeles, Calif. 90033
Tel: (213) 225-3131 Ext. 72801

AREAS OF INTEREST: Pharmacology, biochemistry, and immunology of animal venoms; nature of venom apparatus and envenomations; food intoxications caused by natural occurring plant and animal toxins.

HOLDINGS: 4,900 specimens; 650 books; 10,000 abstracts; 900 periodicals; 300 data compilations; 1,000 photos; 400 slides; 11,000 punched cards; 1,200 pamphlets; 85 technical reports; 5,000 preprints and reprints; bibliographies, maps and charts, reviews, microforms.

PUBLICATIONS: *Toxicon* (quarterly); *A Bibliography of Snake Venoms and Venomous Snakes*; *Animal Toxins*.

INFORMATION SERVICES: Answers brief inquiries; provides consulting, translating, literature-searching, and bibliographic services for fee; identifies venomous animals; makes referrals; permits onsite use of collection.

INTERSTATE SANITATION COMMISSION

0937 10 Columbus Circle
New York, N.Y. 10019
Tel: (212) 582-0380

AREAS OF INTEREST: Water pollution abatement and control in the New York Metropolitan Area of New Jersey, New York, and Connecticut and certain activities pertaining to air pollution problems among New York, New Jersey, and Connecticut, including coordination and planning activities; tracing sources of pollutants by water and air samplings; continuous monitoring of the Arthur Kill and East River waterways by means of electronic water quality analysis system; polluting effects of sulfur dioxide in the air; interstate air pollution complaints; coordination of alert system; effect of industrial pollution on fish life;

0938

IOWA AGRICULTURE AND HOME ECONOMICS EXPERIMENT STATION

planktonic water pollution; sampling treatment plants; water area surveys.

HOLDINGS: 32,000 punched cards; 500 books; 600 maps; 200 photos; 300 slides; reports, standards and specifications, graphic and tabular data, journals, pamphlets, laboratory samples.

PUBLICATIONS: Technical and annual reports.

INFORMATION SERVICES: Answers inquiries; makes referrals; permits onsite reference.

IOWA AGRICULTURE AND HOME ECONOMICS EXPERIMENT STATION

see Iowa State University of Science and Technology

IOWA BOARD OF PHARMACY EXAMINERS

0938 4th and Walnut Sts.
Des Moines, Iowa 50309
Tel: (515) 281-5944

AREAS OF INTEREST: Practice and regulation of pharmacy in Iowa.

PUBLICATIONS: Pamphlets.

INFORMATION SERVICES: Answers inquiries.

IOWA CONSERVATION COMMISSION

0939 300 Fourth St.
Des Moines, Iowa 50319
Tel: (515) 281-5145

AREAS OF INTEREST: Iowa wildlife biology and fishery biology; conservation.

HOLDINGS: 250 project records; 1,250 technical reports; 175 journals; 175 abstracts; 2,000 reprints.

PUBLICATIONS: *Quarterly Biology Reports*; reprints.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides occasional consulting and reference services; permits onsite use of collection.

IOWA COOPERATIVE FISHERY UNIT

0940 Science Bldg.
Iowa State University
Ames, Iowa 50010
Tel: (515) 294-3056

AREAS OF INTEREST: Fisheries biology (populations and dynamics, life histories); limnology (descriptive, energy cycles); water pollution (pathway and fate).

HOLDINGS: 5,000 fish, amphibian, and reptile specimens; project records, periodicals.

PUBLICATIONS: Reports (annual and quarterly); reprints.

INFORMATION SERVICES: Answers brief inquiries.

IOWA COOPERATIVE WILDLIFE RESEARCH UNIT

0941 84 Science Hall
Iowa State University
Ames, Iowa 50010
Tel: (515) 294-3056

The Iowa Cooperative Wildlife Research Unit is sponsored by Iowa State University, the Iowa State Conservation Commission, the Wildlife Management Institute, and the U.S. Fish and Wildlife Service.

AREAS OF INTEREST: Wildlife biology; outdoor education and recreation.

HOLDINGS: 2,400 slides; 5,100 reports; specimens, reprints.

PUBLICATIONS: Reprints.

INFORMATION SERVICES: Answers inquiries; provides consulting services; permits onsite use of reprint file.

IOWA DEPARTMENT OF AGRICULTURE

0942 State Office Bldg.
Des Moines, Iowa 50319
Tel: (515) 281-5321

AREAS OF INTEREST: Agriculture in Iowa, including agricultural statistics, consumer protection, animal industry, marketing, entomology, meteorology, weights and measures, apiculture, and botany.

PUBLICATIONS: Annual report.

INFORMATION SERVICES: Answers inquiries.

IOWA DEPARTMENT OF HEALTH

0943 Robert Lucas State Office Bldg.
Des Moines, Iowa 50319
Tel: (319) 281-5605

AREAS OF INTEREST: Public health in Iowa, including general sanitation, water supply, water pollution, and air pollution.

PUBLICATIONS: Reports, standards, specifications.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

IOWA STATE UNIVERSITY OF SCIENCE AND TECHNOLOGY

College of Veterinary Medicine

Veterinary Diagnostic Laboratory

0944 College of Veterinary Medicine
Iowa State University of Science and
Technology
Ames, Iowa 50010
Tel: (515) 294-1950

AREAS OF INTEREST: Analytical chemistry; heavy metals; organic and inorganic poisons; pesticides; food additives; mycotoxins; toxic plants; therapeutics; agricultural chemicals; veterinary toxicology; diagnostic service involving gross and microscopic pathology, bacteriology, virology, serology, and parasitology for food animals as well as companion animals, including their public health implications.

HOLDINGS: 1,000 books; 50 periodicals; 1,000 reports; computer data on case reports.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers brief inquiries; makes referrals; provides consulting, reference, and duplication services free, except under special contract. Extensive services are provided to veterinarians and the medical profession only.

Cooperative Extension Service in Agriculture and Home Economics

0945 Iowa State University of Science and
Technology
Ames, Iowa 50010
Tel: (515) 294-4576

AREAS OF INTEREST: Agriculture, home economics, 4-H club work, community development, and related subjects.

HOLDINGS: Small reference library of reports, maps, charts, and data.

PUBLICATIONS: Reports, bulletins, pamphlets.

INFORMATION SERVICES: Answers inquiries; provides reference services; provides consulting services free or for fee as negotiated.

Department of Agronomy

0946 Iowa State University of Science and
Technology
Ames, Iowa 50010
Tel: (515) 294-1360

AREAS OF INTEREST: Agronomy; crop production, physiology, and management; plant breeding (maize, oats, soybeans, alfalfa, forage grasses, trefoil, sorghum); soil physics; soil chemistry; soil fertility; soil microbiology and biochemistry; soil morphology and genesis; soil management; agricultural climatology.

HOLDINGS: Small collection of books and bound journals. The Department also uses the collections of the University Library.

PUBLICATIONS: Journal papers, reports, bulletins, pamphlets.

INFORMATION SERVICES: Answers inquiries; provides consulting services by private arrangement with staff members; disseminates publications.

Facilities include a 400-acre research center farm. The Department also has access to 10 other research farms controlled by the University.

Department of Food Technology

0947 Iowa State University of Science and
Technology
Ames, Iowa 50010
Tel: (515) 294-3011

AREAS OF INTEREST: Food protection; food microbiology (general); dairy microbiology; bacterial spore resistance; staphylococcal enterotoxins; salmonella food poisoning; clostridial toxins; food lipids; food proteins; dairy products technology.

HOLDINGS: Reprints of all Departmental publications; small collection of books and reports.

PUBLICATIONS: Scientific publications, reports.

INFORMATION SERVICES: Answers inquiries; provides reference services; provides consulting services at cost.

Department of Forestry

0948 Iowa State University of Science and
Technology
251 Bessey Hall
Ames, Iowa 50010

0949

Tel: (515) 294-1166

AREAS OF INTEREST: Forest resource management, including resource economics and statistical methods applied to resource management; forest biology; wood science and technology.

HOLDINGS: 5,000 books; 250 periodical titles; reports.

PUBLICATIONS: Reports, articles in scientific journals, Iowa State University bulletins.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

Department of Horticulture

0949 Iowa State University of Science and Technology
Ames, Iowa 50010
Tel: (515) 294-5962

AREAS OF INTEREST: Greenhouse management; breeding of roses, geraniums, strawberries, raspberries, vegetables, and ornamental plants; mechanical harvesting of strawberries; herbicides in horticultural crops; air pollution studies on horticultural crops; turfgrass; tree fruits; grapes; home horticulture; marketing of floriculture crops, nursery crops, and general horticulture.

HOLDINGS: Plantations of numerous cultivars of woody ornamental plants, flowers, fruits, vegetables, and conservatory plants; small collection of books, periodicals, and reports.

PUBLICATIONS: Reports, bulletins, research reprints.

INFORMATION SERVICES: Answers inquiries; provides consulting services for fee.

Facilities include a 3-acre formal garden, a 225-acre horticultural station, and 22,000 square feet of greenhouse floor space.

Iowa Agriculture and Home Economics Experiment Station

0950 Iowa State University of Science and Technology
Ames, Iowa 50010
Tel: (515) 294-2518

AREAS OF INTEREST: General agriculture; agricultural economics and marketing; agronomy; agricultural engineering; animal science; dairy and poultry science; bacteriology; biochemistry; biophysics; botany and plant pathology; food technology; sociology; education; entomology; wildlife; forestry; genetics; horticulture; veterinary medicine; statistics.

HOLDINGS: Reports, films, photos, data.

IOWA STATE UNIVERSITY OF SCIENCE AND TECHNOLOGY

PUBLICATIONS: *Iowa Farm Science* (monthly); reports, bulletins, proceedings, state-of-the-art review, data handbook.

INFORMATION SERVICES: Answers inquiries; makes referrals.

Systematic Bacteriology Research Group

0951 Iowa State University of Science and Technology
Science Bldg., Room 221
Ames, Iowa 50010
Tel: (515) 231-3449

AREAS OF INTEREST: Taxonomy and nomenclature of bacteria; nomenclature diagnosis, correlation, and retrieval; numerical taxonomy, including quantitative estimation of affinity among organisms and quantitative estimation and description of taxa.

HOLDINGS: A file of some 10,000 cataloged reprints and photostats relating to the taxonomy of bacteria gathered from a worldwide search of pertinent literature; about 20,000 index card entries, covering the period from 1753 to the present, for all published names of bacterial taxa and providing the following data: the scientific name proposed for the taxon; the vernacular name of the taxon if the description antedates the proposal of the scientific name; author citation; category of taxon; validity of publication; legitimacy of the scientific name proposed; objective synonyms; homonyms; and comments to explain anomalies. Names of taxa in all recognized categories, from class to subspecies and in many cases to infrasubspecific forms, are indexed.

INFORMATION SERVICES: Provides consulting and literature-searching services to qualified scientists. There is no charge unless extensive searches are required. A self-addressed, stamped envelope should be enclosed for the answering of correspondence.

University Library

0952 Iowa State University of Science and Technology
Ames, Iowa 50010
Tel: (515) 294-1442

AREAS OF INTEREST: Agronomy; animal science; crop science; climatology; dairy science; fisheries and wildlife biology; food technology; forestry; horticulture; plant pathology; poultry science; soil science; water resources; bacteriology; biochemistry and biophysics; botany; cell biology; entomology;

THE JACKSON LABORATORY

genetics; zoology; aerospace engineering; agricultural engineering; biomedical engineering; ceramic engineering; civil engineering; electrical engineering; industrial engineering; mechanical engineering; nuclear engineering; chemistry; computer science; geology; mathematics; physics; veterinary surgery; pharmacology; humanities and social sciences.

HOLDINGS: Approximately 800,000 volumes; 14,000 current periodical and serial subscriptions; 225,000 microforms, including U.S. Atomic Energy Commission microfiche; extensive back files of periodicals in the basic and applied fields of the physical and biological sciences, including those in foreign languages.

INFORMATION SERVICES: Makes interlibrary loans; provides onsite reference service; provides duplication services for fee.

Water Resources Research Institute

0953 Iowa State University of Science and
Technology
Ames, Iowa 50010
Tel: (515) 294-4264

AREAS OF INTEREST: Hydraulics; sanitary engineering; soil physics; geohydrology; limnology; water law; economics.

HOLDINGS: The Institute's holdings are housed and cataloged in the University Library, which has numerous books on water resources.

PUBLICATIONS: *Water Pollution Control and Abatement* (1967, results of a seminar held at Iowa State University); *Agricultural Practices and Water Quality* (1970, results of the Conference Concerning the Role of Agriculture in Clean Water held at Iowa State University, November 18-20, 1969); *Flood Plain Management--Iowa's Experience* (1969, papers presented at the Conference on Flood Plain Management, Sixth Water Resources Design Conference, Iowa State University).

INFORMATION SERVICES: Answers brief inquiries; makes referrals.

ISLANDS RESEARCH FOUNDATION

0954 c/o Raine E. Bennett, Director
Prospect Tower No. 108
Tudor City
New York, N.Y. 10017
Tel: (212) 682-4534

0956

AREAS OF INTEREST: Islands anywhere in the world (travel, history, indigenous culture, natural resources, suitability for development, latitudes, currents and weather, archaeology, anthropology, indigenous flora and fauna).

HOLDINGS: Files containing information on any island with a name, compiled by name (or names) in alphabetical sequence, with position, classifications (according to areas of interest) and regional maps, cross-references, bibliographies, biographies, and a feature titled "Opportunities."

PUBLICATIONS: Brochure.

INFORMATION SERVICES: Answers inquiries (inquiries in writing are assigned to qualified researchers for reply); makes referrals; provides consulting services.

ISOTOPES INFORMATION CENTER

see Oak Ridge National Laboratory

THE IZAAK WALTON LEAGUE OF AMERICA

0955 1326 Waukegan Rd.
Glenview, Ill. 60025
Tel: (312) 724-3880

AREAS OF INTEREST: Conservation, maintenance, protection, and restoration of soil, air, woods, waters, wildlife, and all other natural resources of the United States.

PUBLICATIONS: *Izaak Walton League Outdoor America* (monthly, available to nonmembers by subscription); *Guidelines to Conservation Education Action*; a number of educational pamphlets.

INFORMATION SERVICES: Answers inquiries.

JACKSON HOLE BIOLOGICAL RESEARCH STATION

see University of Wyoming

THE JACKSON LABORATORY

0956 Bar Harbor, Maine 04609
Tel: (207) 288-3373

AREAS OF INTEREST: Basic biomedical research, with emphasis on genetics, molecular biology, cancer, and animal behavior.

0957

HOLDINGS: 2,000 books; 235 periodical titles; reprint collection of 39,000 items cataloged by author.

PUBLICATIONS: Occasional bibliographies on specific tumors or mouse strains, either in response to requests or generated spontaneously.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and literature-searching services; lends printed materials; permits onsite use of collection. Services are available to anyone with a legitimate interest. Bibliography requesters pay cost of computer searching and printout; other services are free.

Facilities include laboratory animal quarters for mice (100 inbred strains; 250 mutant-bearing stocks) and rabbits (2 inbred strains; 6 incipient inbred strains; 12 named mutant stocks).

Subject-Strain Bibliography of Inbred Strains of Mice

0957 The Jackson Laboratory
Bar Harbor, Maine 04609
Tel: (207) 288-3373

AREAS OF INTEREST: Origin, characteristics, and uses of inbred strains of mice; standardized nomenclature for inbred strains of mice; mammalian genetics; biology and genetics of abnormal growths.

HOLDINGS: About 32,000 bibliographic references to inbred strains of mice, named transplantable tumors in mice, or named genes in mice. These references have been maintained in computer-searchable disk storage since 1960, and on keysort cards before that time.

PUBLICATIONS: *Inbred Strains of Mice* (biennial); bibliographic supplement to *Mouse News Letter* (semiannual, published in England).

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, literature-searching, and duplication services; lends some materials; permits onsite use of collection by qualified visitors. A charge is made for some services.

JEFFERSON MEDICAL COLLEGE

Cardeza Foundation for Hematologic Research

0958 Tocantins Memorial Library
1015 Sansom St.
Philadelphia, Pa. 19107
Tel: (215) 829-7784

THE JACKSON LABORATORY

AREAS OF INTEREST: All facets of hematology, including erythropoietin, aplastic anemia, polycythemia, hemoglobinopathies, iron deficiency, agranulocytosis, leukemia, thrombocytopenia, coagulation disorders, and hemophilia.

HOLDINGS: A collection of 1,600 books and journals. The Foundation also uses the facilities of the Jefferson Medical College Library.

INFORMATION SERVICES: Answers brief inquiries; makes interlibrary loans; permits onsite use of collection.

THE JEWISH GUILD FOR THE BLIND

Mental Health Services

0959 The Jewish Guild for the Blind
15 West 65th St.
New York, N.Y. 10023
Tel: (212) 595-2000

AREAS OF INTEREST: Services to emotionally disturbed and mentally retarded blind persons of all ages; diagnostic and therapeutic procedures, including drug therapy when needed, for such persons; special education for blind and visually-handicapped children who are also emotionally disturbed or mentally retarded; social and pre-vocational rehabilitation training programs for young people who are blind and emotionally disturbed or mentally retarded.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals to other sources of information.

Facilities include a Mental Health Clinic and a school and day treatment center. The Guild also sponsors a young adult program and a summer day camping experience for children and young adults.

JOHN CARROLL UNIVERSITY

Biology Department

0960 John Carroll University
Cleveland, Ohio 44118
Tel: (216) 932-3800

AREAS OF INTEREST: Biology, including anatomy, physiology, aquatic biology, bacteriology, and genetics.

HOLDINGS: Film library in biology (about 100 films).

JOHNS HOPKINS UNIVERSITY

INFORMATION SERVICES: Answers inquiries; provides consulting services for fee; makes referrals; permits onsite use of collection.

THE JOHN CRERAR LIBRARY

0961 35 West 33d St.
Chicago, Ill. 60616
Tel: (312) 225-2526

AREAS OF INTEREST: Biology; botany; zoology; physiology; biochemistry; mathematics; chemistry; geology; physics (basic research aspects); cremation; international congresses and expositions; all branches of agriculture having industrial interest, e.g., food processing and preservation, farm machinery and equipment, fertilizers, and insecticides; all aspects of engineering; metallurgy; communications; transportation; medicine, including historical medicine; bacteriology; gynecology; pediatrics; leukemia.

HOLDINGS: Over one million volumes and pamphlets, and current subscriptions to more than 13,000 periodicals and serial publications, devoted exclusively to science, technology, and medicine. The Library has a complete collection of reports from the National Aeronautics and Space Administration, a partial collection of unclassified reports of the U.S. Atomic Energy Commission and the U.S. Department of Defense, and selected reports of other U.S. Government agencies.

PUBLICATIONS: *Leukemia Abstracts* (monthly); *Translations Register-Index* (semimonthly); bibliographies; pamphlets describing the Library's services.

INFORMATION SERVICES: Public reference service is given in the Research Services Division, where readers may make free use of the collections. Designated by the National Library of Medicine as the Midwest Regional Medical Library, Crerar has responsibility for loan and information services to health science personnel in the six-State area of Illinois, Indiana, Iowa, Minnesota, Wisconsin, and North Dakota. Otherwise, volumes are not lent for home use except to members (membership in the Crerar Library is open to any organization or individual whose interests coincide with the objectives of the Library). The Research Information Service of the Library offers library research services on a reimbursable basis. Literature searches, prior art searches relating to patents, and current awareness literature scanning are done by subject specialists and are issued in the form of abstracts, annotated

0963

bibliographies, reports, punched cards, and catalog cards. A limited number of custom translations are prepared on a per word basis. Under a grant from the National Science Foundation, the Library maintains and services a translations center with a collection of more than 150,000 translations of articles contributed by Government agencies, industrial firms, and private organizations. The translations center lends copies and supplies photoduplicates of translations in its collection. Inquiries should be addressed to the National Translations Center, The John Crerar Library. *Translations Register-Index* lists new accessions by subject and contains a computer-produced cumulating citation index to translations available at the National Translations Center and some 30 additional sources. Subject to copyright limitations, the Library will furnish photocopies of materials in its collections (a price list for this service is available).

JOHN G. SHEDD AQUARIUM

0962 1200 South Lake Shore Dr.
Chicago, Ill. 60605
Tel: (312) 939-2436

AREAS OF INTEREST: Fish; reptiles; invertebrates.

HOLDINGS: 15,000 live specimens of fish, reptiles, and invertebrates; 500 books; 2,000 periodicals; 2,000 reprints; 1,000 pamphlets.

PUBLICATIONS: *Aquarium Guide Book*.

INFORMATION SERVICES: Answers inquiries; provides consulting services for fee. The Aquarium is open to the public.

JOHNS HOPKINS UNIVERSITY

Department of Environmental Medicine

0963 Johns Hopkins School of Hygiene and Public Health
615 North Wolfe St.
Baltimore, Md. 21205
Tel: (301) 955-3046 or 955-3047

AREAS OF INTEREST: Environmental medicine; environmental toxicology; hepatotoxins; solvents; carcinogens; heavy metals; air pollution; air disinfection; behavioral physiology; pulmonary and cardiovascular physiology.

PUBLICATIONS: Books, research papers prepared for publication in scientific journals, critical reviews.

0964

JOHNS HOPKINS UNIVERSITY

INFORMATION SERVICES: Answers brief inquiries; provides consulting services free or for fee, depending on time and effort required.

Department of Epidemiology

0964 Johns Hopkins School of Hygiene and Public Health
615 North Wolfe St.
Baltimore, Md. 21205
Tel: (301) 955-3616

AREAS OF INTEREST: General epidemiology.

INFORMATION SERVICES: Provides consulting services.

Department of Geography and Environmental Engineering

0965 The Johns Hopkins University
513 Ames Hall
Baltimore, Md. 21218
Tel: (301) 366-3300 Ext. 387

AREAS OF INTEREST: Sanitary engineering; environmental sciences; urban systems; location; human geography.

HOLDINGS: Books, periodicals, reports.

PUBLICATIONS: Abstracts, indexes, standards and specifications, bibliographies, critical reviews.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides reference and duplication services; makes interlibrary loans.

Department of Pediatrics Library

0966 Johns Hopkins University School of Medicine
CMSC 2-104, The Johns Hopkins Hospital
Baltimore, Md. 21205
Tel: (301) 955-3124

AREAS OF INTEREST: Pediatrics; poisons; mental retardation.

HOLDINGS: Small collection of books and periodicals.

INFORMATION SERVICES: Answers inquiries from physicians only.

Information Center for Hearing, Speech, and Disorders of Human Communication

0967 310 Harriet Lane Home
The Johns Hopkins Medical Institutions
Baltimore, Md. 21205
Tel: (301) 955-3390

Sponsored by the National Institute of Neurological Diseases and Stroke of the National Institutes of Health, the Center's mission is to establish and maintain a national data bank of information on hearing, speech, and disorders of human communication, to disseminate this information to the scientific community, to promote and prepare reviews and other special articles, and to develop new methods of information analysis and dissemination.

AREAS OF INTEREST: Biomedical aspects of hearing, language, speech, and disorders of human communication.

HOLDINGS: Information and references to articles published in journals, to the technical report literature, and to reports of research in progress are maintained in machine-retrievable form. A working collection of technical reports, journals, and reprints is also maintained.

PUBLICATIONS: *Human Communication and Its Disorders* (a current-awareness service); *Information Sources in Hearing, Speech, and Communication Disorders. Part 1. Publications. Part 2. Organizations;* bibliographies, state-of-the-art reviews.

INFORMATION SERVICES: Answers scientific inquiries; provides literature-searching services, using both computer-based and manual systems; prepares translations when essential; makes referrals; permits onsite use of literature collection. Services are available to serious researchers.

JOHNSON MEMORIAL HOSPITAL

Cytogenetics Research Laboratory

0968 Johnson Memorial Hospital
East St.
Stafford Springs, Conn. 06076
Tel: (203) 684-4251

AREAS OF INTEREST: Cytogenetics and genetic council.

HOLDINGS: Cytogenetics reprints from 1967; small collection of books.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; makes referrals. Services are provided at cost.

JUSTICE, DEPARTMENT OF

Bureau of Narcotics and Dangerous Drugs

Bureau of Narcotics and Dangerous Drugs Library

KANSAS CITY PUBLIC LIBRARY

0969 1405 Eye St. NW.
Washington, D.C 20005
Tel: (202) 382-5706

AREAS OF INTEREST: Narcotics and dangerous drugs, including addiction, abuse, and control; history and enforcement of narcotics and dangerous drugs laws.

HOLDINGS: Books, reports, pamphlets, periodicals, United Nations documents, legal materials.

INFORMATION SERVICES: Answers inquiries; provides reference services; makes interlibrary loans; permits onsite use of collection.

Office of Scientific Support

0970 Bureau of Narcotics and Dangerous Drugs
U.S. Department of Justice
1405 Eye St. NW.
Washington, D.C. 20537
Tel: (202) 382-4341

AREAS OF INTEREST: Research programs on various aspects of drug abuse, including assessment and magnitude of the problem, the relationship of drug abuse to crime, drug law enforcement strategies, drug abuse prevention, and the pharmacology of controlled substances; development and operation of a drug information and early warning system to assist in drug control decisionmaking; investigations in analytical chemistry, forensic sciences, criminalistics, and pharmaceutical chemistry; establishment and coordination of educational programs on national and community levels for the public, education, industry, professional groups, and other agencies to prevent illegal distribution and abuse of narcotics and dangerous drugs.

HOLDINGS: Data on the nature and extent of drug abuse and statistics on illicit drug use; color slide resource library; films, books, periodicals, and reports on drug abuse prevention; National Authentic Drug Files, containing extensive collection of narcotics and dangerous drugs.

PUBLICATIONS: *BNDD Bulletin* (bimonthly, for enforcement officials); *Fact Sheets* (booklet, revised as needed); *Microgram* (monthly, for forensic chemists; restricted to law enforcement laboratories); *Guidelines for Drug Abuse Prevention Education* (booklet); *Community Drug Abuse Prevention Program* (series of four booklets); *Drugs of Abuse* (full-color drug identification booklet); *Controlled Drug List* (revised at different intervals); *Annual Report*; *List of Publications*.

0972

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; provides speakers; lends films; assists with drug abuse prevention programs on national and community levels; prepares informational and educational materials; develops abuse prevention campaigns for general public and specific target groups; evaluates existing abuse prevention programs and materials. Analysis of substances suspected of being narcotics and dangerous drugs is provided by law enforcement agencies only.

KANSAS AGRICULTURAL EXPERIMENT STATION

see Kansas State University

KANSAS BIOLOGICAL SURVEY

0971 Dyche Hall
University of Kansas
Lawrence, Kans. 66044
Tel: (913) 864-3369

AREAS OF INTEREST: Plant and animal resources of the State; relationships of agriculture, urban development, and water management to natural biological systems; production and management of pondfishes; recreational and commercial uses of wildlife.

HOLDINGS: Small library of journals and biological separata.

PUBLICATIONS: Technical reports.

INFORMATION SERVICES: Answers brief inquiries free; provides consulting services for fee; permits onsite use of collection.

Facilities include laboratory and experimental ponds and other field facilities.

KANSAS CITY PUBLIC LIBRARY

Business and Technical Department

0972 Kansas City Public Library
311 East 12th St.
Kansas City, Mo. 64106
Tel: (816) 221-1717

AREAS OF INTEREST: Anthropology; archeology; astronomy; biology; botany; chemistry; geology; mathematics; physics; zoology; agriculture; electronics; engineering; medicine; building; business;

0973

economics; technology; applied science; pure science; mechanic trades; finance; insurance; labor; real estate; transportation; trade; evolution; paleontology; health; home economics; manufacturing.

HOLDINGS: 50,000 books; 50,000 maps and charts; 500 journals; 1,300 bibliographies; 550 volumes of abstracts and indexes; 14 reels of microforms (patents); 70 file boxes of standards and specifications; 35 file cabinets of pamphlets.

PUBLICATIONS: Newsletters, bibliographies.

INFORMATION SERVICES: Answers inquiries; provides literature-searching and advisory services; makes referrals; permits onsite reference; lends materials.

KANSAS DEPARTMENT OF HEALTH

Division of Environmental Health

0973 Kansas Department of Health
State Office Bldg.
Topeka, Kans. 66612
Tel: (913) 296-3821

AREAS OF INTEREST: Environmental health; public water supplies; water quality; water pollution control; air quality control; radiation control; occupational health.

PUBLICATIONS: River basin studies (some are distributed free, some for a nominal charge).

INFORMATION SERVICES: Answers inquiries.

KANSAS FORESTRY, FISH AND GAME COMMISSION

0974 P.O. Box 1028
Pratt, Kans. 67124
Tel: (316) 672-6473

AREAS OF INTEREST: Fish and game management; biology; ecology.

HOLDINGS: Small reference library of journals, newsletters, data, specimens, tapes, films, photos, slides, reprints, pamphlets, press releases, clippings, tearsheets.

PUBLICATIONS: *Kansas Fish and Game* (quarterly); newsletter (weekly); tapes, slides, pamphlets.

INFORMATION SERVICES: Answers inquiries; provides limited consulting services; provides short lists of literature citations in response to specific inquiries; makes referrals; permits onsite use of collection. Services are primarily for land owners interested in fish and game management within the State.

KANSAS DEPARTMENT OF HEALTH

KANSAS STATE UNIVERSITY

College of Veterinary Medicine

Veterinary Medical Library

0975 College of Veterinary Medicine
Kansas State University
Leasure Hall
Manhattan, Kans. 66502
Tel: (912) 532-6361

AREAS OF INTEREST: Anatomy; electron microscopy; immunology; infectious diseases; medicine; parasitology; pathology; pharmacology; physiological sciences; surgery; toxicology.

HOLDINGS: 17,000 books; 1,200 periodical titles.

INFORMATION SERVICES: Answers inquiries; provides consulting and duplication services; lends materials. Services are provided free to some users and at cost to others.

Department of Agronomy

0976 Kansas State University
Manhattan, Kans. 66502
Tel: (913) 532-6161

AREAS OF INTEREST: Soil science; fertilizers; plant breeding; crop management; weed control; range management.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and duplication services; makes referrals and interlibrary loans; permits onsite use of collection.

Department of Animal Science and Industry

0977 Kansas State University
Weber Hall
Manhattan, Kans. 66502
Tel: (913) 532-6421

AREAS OF INTEREST: Animal science, including breeding and genetics, nutrition, meat science, animal production, physiology of reproduction, and management.

HOLDINGS: Small collection of books, periodicals, and reports.

KANSAS STATE UNIVERSITY

0982

PUBLICATIONS: Annual reports summarizing cattle, swine, and sheep research; other livestock reports (irregular).

INFORMATION SERVICES: Answers inquiries; conducts research.

Herbarium

0978 Kansas State University
Division of Biology
Bushnell Hall
Manhattan, Kans. 66502
Tel: (913) 532-6739 or 532-6616

AREAS OF INTEREST: Flora of the Central Great Plains; systematic botany; species or varieties of vascular plants and fungi.

HOLDINGS: 181,000 plant specimens; 1,500 books; 20 periodical subscriptions.

PUBLICATIONS: State-of-the-art reviews, reports.

INFORMATION SERVICES: Provides consulting, reference, and literature-searching services; identifies flora for those needing such information for research, for extension personnel, and for the public; lends specimens to qualified research workers; permits onsite use of collection by qualified visitors.

Institute for Environmental Research

Environmental Research Literature Search System (ERLSS)

0979 Institute for Environmental Research
Kansas State University
Manhattan, Kans. 66502
Tel: (913) 532-6456

AREAS OF INTEREST: Air conditioning; environmental control, physiology, and psychology; thermal regulation; humidity; thermal radiation; instrumentation; temperature.

HOLDINGS: Abstracts in machine-retrievable form organized by key word, title, and author; 1,000 periodical titles; books, reports.

INFORMATION SERVICES: Provides literature-searching and duplication services for fee.

Kansas Agricultural Experiment Station

0980 Kansas State University
Manhattan, Kans. 66502
Tel: (913) 532-6531

AREAS OF INTEREST: Agricultural economics; agricultural engineering; agricultural processing, utilization, and marketing; agronomy; animal husbandry; biochemistry; dairy science; entomology; flour and feed; foreign agriculture; horticulture; poultry science; chemistry; chemical engineering; home economics; veterinary medicine; biology, including botany, bacteriology, and zoology; plant pathology; sociology; geology.

PUBLICATIONS: Technical reports and bulletins.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services.

Branch stations are located at Hays, Garden City, Mound Valley, Colby, and Tribune, Kans.

Colby Branch Experiment Station

0981 P.O. Box 488
Colby, Kans. 67701

Location:

Experiment Dr.
Colby, Kans.

Tel: (913) 462-2471

AREAS OF INTEREST: Applied research on adaptation and cultural practices of crops, soil fertility, sheep feeding investigations, and horticultural variety trials, primarily as they relate to Northwestern Kansas.

PUBLICATIONS: Progress reports.

INFORMATION SERVICES: Answers inquiries; makes referrals.

Kansas Water Resources Research Institute

0982 Waters Hall, Room 146D
Kansas State University
Manhattan, Kans. 66502
Tel: (913) 532-6787

AREAS OF INTEREST: Water quality; climatology; evapotranspiration, including energy budget studies; engineering hydrology; hydraulics; fluid dynamics; stream and lake regimen; water economics; water microbiology; water pollution, including pollution from animal feedlots; agricultural, municipal, industrial, and recreational water management.

HOLDINGS: The Institute has access to the libraries of Kansas State University and the University of Kansas, and the files of the State Geologic Survey and State Climatologist.

PUBLICATIONS: Project reports, annual report, articles in professional water resources literature.

0983

INFORMATION SERVICES: Answers inquiries; makes referrals to State agricultural and industrial specialists; disseminates project reports and reprints of technical publications.

Facilities available on a cooperative basis include 18 Branch Experiment Stations or Fields, a center for regional studies, an ARS-USDA Erosion Laboratory, and hydrology, fluid mechanics, plant breeding, plant physiology, pesticidal residue, and environmental health laboratories. Water resources research can be performed in any appropriate department at either Kansas State University or the University of Kansas.

University Libraries

0983 Kansas State University
Manhattan, Kans. 66502
Tel: (913) 532-6271

The University Libraries consist of the main library and four branch libraries: Architecture, Chemistry, Physics, and Veterinary Medicine.

AREAS OF INTEREST: Chemistry, including inorganic, organic, biochemistry, cereal, physical, and radio chemistry; physics, including astronomy, astrophysics, atomic physics, meteorology, nuclear physics, radiology, and spectroscopy; engineering, including aerodynamics, agricultural, applied mechanics, chemical, civil, industrial, mechanical, nuclear, and environmental engineering; home economics, including foods and nutrition, textiles, and institutional management; grain technology and flour milling industries; mathematics; statistics and computer science; veterinary medicine, including pathology, physiology, and surgery; architecture, including engineering, history, and city planning; geology, geochemistry, mineralogy, petrology, and petroleum geology.

HOLDINGS: Books, serials, and reports, including microforms, supporting the academic and research programs of the University; depository collections of Atomic Energy Commission and other U.S. Government publications, International Atomic Energy Agency publications, and Kansas Government publications. Special collections include Linnaeus, cook book, and poultry science.

INFORMATION SERVICES: Makes interlibrary loans.

KENT STATE UNIVERSITY

Applied Physiology Research Laboratory

0984 Kent State University
Kent, Ohio 44240

KANSAS STATE UNIVERSITY

Tel: (216) 672-2859

AREAS OF INTEREST: Applied human physiology; physiological effects of exercise.

HOLDINGS: Small reference collection of books, periodicals, and reports.

INFORMATION SERVICES: Answers brief inquiries; provides consulting services.

KENTUCKY AGRICULTURAL EXPERIMENT STATION

see University of Kentucky

KENTUCKY DEPARTMENT OF AGRICULTURE

0985 Frankfort, Ky. 40601
Tel: (502) 564-4270

AREAS OF INTEREST: Agriculture in Kentucky (promotion, regulation, and service to State residents), including weights and measures, grading and quality control programs, meat inspection, livestock sanitation, marketing services, pest and noxious weed control, milk marketing, and commodity distribution.

HOLDINGS: Small collection of periodicals and reports.

PUBLICATIONS: *Kentucky Agricultural News* (monthly); a weekly column from the Commissioner's Office, "News of Kentucky Agriculture" (available to all media in the State); biennial report, special reports, booklets, brochures, directories, news releases.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services.

KENTUCKY DEPARTMENT OF FISH AND WILDLIFE RESOURCES

0986 State Office Bldg. Annex
Frankfort, Ky. 40601
Tel: (502) 564-3400

AREAS OF INTEREST: Kentucky fish and wildlife, including wildlife management to provide sustained yield.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Reports.

KINGMAN MUSEUM OF NATURAL HISTORY

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; permits onsite use of collection.

KENTUCKY DEPARTMENT OF HEALTH

0987 275 East Main St.
Frankfort, Ky. 40601
Tel: (502) 564-3796

AREAS OF INTEREST: Public health in Kentucky, including medical care, sanitation, engineering, nutrition, hospitals, maternal and child health, laboratories, and vital statistics.

HOLDINGS: The Department library maintains a collection of books, journals, reports, films, maps, charts, and data.

PUBLICATIONS: *News and Plans*; *The Bulletin*; annual report.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; makes inter-library loans; permits onsite use of collection.

Radiological Health Program

0988 Kentucky Department of Health
275 East Main St.
Frankfort, Ky. 40601
Tel: (502) 564-3700

AREAS OF INTEREST: Radioactive materials; radiation exposures; radiation producing machines; ionizing and nonionizing radiation.

HOLDINGS: 125 reports; 1,500 samples; 25 reels of magnetic tape; 90 photos; 575 slides; 105 pamphlets; press releases, devices, data.

PUBLICATIONS: Reports, pamphlets, data compilations.

INFORMATION SERVICES: Answers inquiries; makes referrals; performs radiation safety evaluations; permits onsite use of collection.

KENTUCKY DEPARTMENT OF MENTAL HEALTH

0989 P.O. Box 678
Frankfort, Ky. 40601
Tel: (502) 564-3810

AREAS OF INTEREST: Mental health.

0991

HOLDINGS: The Department has collected socioeconomic-demographic data on patients at four mental hospitals, two mental retardation facilities, and 23 comprehensive care centers. Data are contained in a single large master computer record for each patient, each individual record containing about 100 types of data. The file currently includes more than 59,000 patients and is forecast to grow to 70,000 patients by July 1971. Other files contain records of incidents of direct and indirect service rendered by clinical persons to individual patients or groups. An additional master file relating to the drug treatment program clientele is being assembled.

PUBLICATIONS: *Challenge* (quarterly); *Annual Report--Kentucky Department of Mental Health*; *Kentucky Department of Mental Health Statistical Report* (annual).

INFORMATION SERVICES: Answers inquiries related to psychology and mental health; provides statistical data on patient characteristics and movements. Services are available to the scientific community.

KEY WEST MUNICIPAL AQUARIUM

0990 Foot of Whitehead St.
Key West, Fla. 33040
Tel: (305) 296-2051

AREAS OF INTEREST: Fish and marine organisms, particularly of the Gulf of Mexico, including sailfish, bonefish, and bonita.

HOLDINGS: Fish specimens.

INFORMATION SERVICES: Answers brief inquiries; identifies specimens. The Aquarium is open to the public.

KINGMAN MUSEUM OF NATURAL HISTORY

0991 Leila Arboretum
Battle Creek, Mich. 49017
Tel: (616) 965-5715

The Kingman Museum is supported by the Battle Creek Public Schools.

AREAS OF INTEREST: Natural history, including anthropology.

HOLDINGS: Natural history exhibits; a reference collection of books, journals, motion pictures, photos, slides, maps, and pamphlets.

PUBLICATIONS: Newsletter.

0992

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and duplication services; permits onsite use of collections.

KINGSBROOK JEWISH MEDICAL CENTER

Isaac Albert Research Institute

0992 Kingsbrook Jewish Medical Center
86 East 49th St.
Brooklyn, N.Y. 11203
Tel: (212) 756-9700 Ext. 296

AREAS OF INTEREST: Medicine, especially research in chronic diseases, including Tay-Sachs disease, diabetes, muscular dystrophy, and cancer; protein biochemistry; immunology; orthopedics; surgery.

HOLDINGS: Small reference collection of books and periodicals.

PUBLICATIONS: Articles in professional journals.

INFORMATION SERVICES: Answers inquiries; provides reference, literature-searching, and limited duplication services; makes referrals; makes interlibrary loans. Services are primarily for staff members, but reasonable requests from the public may be answered as time and personnel allow.

Library

0993 Kingsbrook Jewish Medical Center
86 East 49th St.
Brooklyn, N.Y. 11203
Tel: (212) 756-9700

AREAS OF INTEREST: Chronic diseases; neurology; neuropathology; physical medicine and rehabilitation; pediatrics; orthopedics; dentistry.

HOLDINGS: 12,371 bound volumes.

INFORMATION SERVICES: Answers inquiries; provides short lists of literature citations in response to specific inquiries; makes referrals; makes interlibrary loans; permits onsite use of collection. Some services are available only to Center personnel, authorized students, and scientists from neighboring and related organizations.

KINGSBROOK JEWISH MEDICAL CENTER

LABOR, DEPARTMENT OF

Occupational Safety and Health Administration

0994 U.S. Department of Labor
Washington, D.C. 20210
Tel: (202) 961-2603

AREAS OF INTEREST: Occupational safety and health, including enforcement of Federal safety legislation, such as the Williams-Steiger Occupational Safety and Health Act of 1970; State safety legislation.

PUBLICATIONS: *Safety Standards* (bimonthly); reports, abstracts, pamphlets.

INFORMATION SERVICES: Answers inquiries about Federal safety standards; provides consulting services; provides educational and training aids in safety and health to Federal and State governmental groups, industry, labor unions, students, and the general public; serves as a clearinghouse on State safety legislation.

LAFAYETTE CLINIC LIBRARY

0995 951 East Lafayette Ave.
Detroit, Mich. 48207
Tel: (313) 963-5400

AREAS OF INTEREST: Psychiatry.

HOLDINGS: 1,000 books; 100 periodical titles.

INFORMATION SERVICES: Answers brief inquiries; provides reference and literature-searching services; makes interlibrary loans. Extensive services are provided only to Lafayette Clinic personnel.

LAKE ONTARIO ENVIRONMENTAL LABORATORY

see State University of New York. College at Oswego

LAKESIDE LABORATORIES

Department of Toxicology

0996 Lakeside Laboratories
1707 East North Ave.
Milwaukee, Wis. 53201
Tel: (414) 271-9400 Ext. 256

Lakeside Laboratories is a division of the Colgate-Palmolive Co.

AREAS OF INTEREST: Toxicity of drugs; drug-induced teratism; environmental toxicology (inhalation and effects on fish and wildlife).

HOLDINGS: 1,000 books; 500 periodical titles; 1,000 reports.

INFORMATION SERVICES: Answers brief inquiries; provides consulting services.

LATIN AMERICAN NATURAL AREA PROGRAMS

see Foresta Institute for Ocean and Mountain Studies

LAWRENCE RADIATION LABORATORY

see University of California, Berkeley

LEAD INDUSTRIES ASSOCIATION, INC.

0997 292 Madison Ave.
New York, N.Y. 10017
Tel: (212) 679-6020

AREAS OF INTEREST: Lead mining, smelting, refining, and fabricating; lead products and their use; improvement of the welfare of those engaged in lead industries or in the use of lead products; lead toxicology.

PUBLICATIONS: *Lead* (quarterly magazine); abstracts and indexes.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, literature-searching, and abstracting and indexing services. Extensive services are provided to Association members only.

LEHIGH UNIVERSITY

Center for Marine and Environmental Studies

0998 Lehigh University
Bethlehem, Pa. 18015
Tel: (215) 691-7000 Ext. 453

AREAS OF INTEREST: Marine sciences; ocean engineering; environmental studies.

HOLDINGS: Research reports, research data.

PUBLICATIONS: Articles in scientific and engineering journals.

INFORMATION SERVICES: Answers inquiries; makes referrals.

Department of Biology

0999 Lehigh University
Bethlehem, Pa. 18015
Tel: (215) 691-7000 Ext. 581

AREAS OF INTEREST: Comparative physiology of nerve and muscle; comparative physiology of blood capillaries; botanical cytochemistry; vertebrate ecology; general microbiology and aquatic biology; viral diseases of fish; plankton and periphyton in relation to water quality; dynamics of marine zooplankton; biological oceanography; physiology of parasitism; physiological ecology of marine symbionts; experimental invertebrate pathobiology and immunobiology; mutant mitochondrial D.N.A.'s; pesticidal effects on phytoplankton; thermal pollution; flight in giant water bugs; chemoreception and proprioception in horseshoe crabs; histochemistry of plant development.

INFORMATION SERVICES: Answers inquiries free; provides consulting services (on fee basis if significant time is required).

LIBRARY OF CONGRESS

Science and Technology Division

1000 Library of Congress
10 First St. SE.
Washington, D.C. 20540
Tel: (202) 426-5639 (Reference service)
(202) 426-5687 (General inquiries)

AREAS OF INTEREST: All aspects of science and technology. The Library of Congress attempts to collect definitively in all aspects of science and technology except technical agriculture and clinical medicine, which are subject specialties of the National Agricultural Library and the National Library of Medicine.

HOLDINGS: The subject fields of science and technology are represented in the Library of Congress by 3 million books, nearly 20,000 current journal titles, and some 1.25 million technical reports. The Division's Science Reading Room maintains a reference collection of books in the basic sciences, including technical dictionaries, encyclopedias, and

1001

handbooks. All major abstracting and indexing journals in the physical, earth, biomedical, and engineering sciences are represented for purposes of current and retrospective searching. The Division also has immediate custody of an extensive collection of technical reports (some 756,000 titles), most of them in microform, including those issued by the Atomic Energy Commission, the National Aeronautics and Space Administration, the Department of Defense, and other Government agencies. Of special interest is the Division's collection of World War II Office of Scientific Research and Development (OSRD) reports which, along with its register of unique copies in other facilities, is the most nearly complete record of the work of OSRD in existence and provides a substantially complete catalog of OSRD reports.

PUBLICATIONS: In addition to the publication series of the National Referral Center and the Cold Regions Bibliography Project, the Division publishes occasional bibliographies, such as *Nuclear Science in Mainland China: A Selected Bibliography* (1968), *Wilbur & Orville Wright: A Bibliography Commemorating the Hundredth Anniversary of Wilbur Wright* (1967), and *Fish Protein Concentrate: A Comprehensive Bibliography* (1970). It also compiles bibliographies and chronologies published by others, such as *UFO's and Related Subjects: An Annotated Bibliography* (U.S. Air Force, 1969), *Air Pollution Publications: A Selected Bibliography With Abstracts 1966-1968* (U.S. Public Health Service, 1969), *Astronautics and Aeronautics: A Chronology on Science, Technology, and Policy* (monthly with annual cumulation, published by NASA), and *History of Aeronautics and Astronautics: A Preliminary Bibliography* (NASA, 1969). Most of the Division's publications are available from the Superintendent of Documents, Government Printing Office, Washington, D.C. 20402. A publications list is available.

INFORMATION SERVICES: The Division has primary responsibility for providing reference and bibliographic services on the Library's overall science and technology collections. Brief technical inquiries entailing a bibliographic response are answered without charge. Extensive literature-searching and bibliographic services are provided on a fee basis. Individuals performing their own literature searches may use the Science Reading Room on the fifth floor of the Library of Congress Annex, where microform readers are available for use with the technical report collection.

Cold Regions Bibliography Project

1001 Library of Congress

LIBRARY OF CONGRESS

Science and Technology Division
10 First St. SE.
Washington, D.C. 20540
Tel: (202) 426-5668

AREAS OF INTEREST: Antarctic research in all disciplines; snow, ice, and frozen ground physics in other cold regions; construction of buildings, roads, railways, and pipelines in cold regions; equipment and materials (excluding clothing and plastics) in cold regions.

HOLDINGS: A complete microfiche file of all items referenced.

PUBLICATIONS: *Bibliography on Cold Regions Science and Technology* (annual); *Antarctic Bibliography* (irregular).

INFORMATION SERVICES: Provides reference, literature-searching, and abstracting and indexing services. Services are performed primarily for sponsoring agencies, but small services are occasionally performed free for others as part of the Library's reference activity.

National Referral Center

1002 Library of Congress
Science and Technology Division
10 First St. SE.
Washington, D.C. 20540
Tel: (202) 426-5670 (Referral service)
(202) 426-5680 (Registration)
(202) 426-5687 (General inquiries)

AREAS OF INTEREST: Governmental, industrial, academic, public, and private organizations and institutions, and individuals, with specialized knowledge in any area of the physical, biological, engineering, or social sciences.

HOLDINGS: An inventory of information resources in the United States. The inventory includes broad and specific areas of interest for each organization or individual, holdings (literature and report collections, unpublished data, specimen collections, etc.), titles of representative publications, and the types of information services available.

PUBLICATIONS: *A Directory of Information Resources in the United States: Biological Sciences* (1972); *Physical Sciences, Engineering* (1971); *General Toxicology* (1969); *Federal Government, With a Supplement of Government-Sponsored Information Resources* (1967); *Water* (1966); *Social Sciences* (1965).

INFORMATION SERVICES: Provides names, addresses, telephone numbers, and brief descriptions of ap-

LLOYD LIBRARY AND MUSEUM

propriate information resources. Functioning as an intermediary, the Center directs those who have questions concerning specific subjects to organizations or individuals with specialized knowledge of those subjects. It does not provide technical details in answer to inquiries or furnish bibliographic assistance (requests for bibliographic services should be addressed to the Science and Technology Division). Services are available without charge, by telephone, correspondence, or through personal visits.

LILLY RESEARCH LABORATORIES

1003 307 East McCarty St.
Indianapolis, Ind. 46206
Tel: (317) 261-4452

AREAS OF INTEREST: Biology; medicine; plant science; animal nutrition; veterinary research; chemistry; pharmaceutical science; toxicology.

HOLDINGS: 35,000 journals; 108,000 cards containing drug product information; books, patents, clippings, pamphlets; domestic and foreign drug encyclopedias; foreign pharmacopeias.

PUBLICATIONS: Scientific library bulletin.

INFORMATION SERVICES: Provides reference and duplication services; prepares bibliographies on request; provides selective current-awareness service; makes interlibrary loans; permits onsite reference by approved visitors.

LINDA HALL LIBRARY

1004 5109 Cherry St.
Kansas City, Mo. 64110
Tel: (816) 363-4600

AREAS OF INTEREST: Science and technology (excluding clinical medicine and surgery); mathematics; astronomy; physics; chemistry; geology; the biological sciences; engineering and applied science; history of science.

HOLDINGS: About 500,000 pieces; over 25,000 serial titles, of which over 12,500 are currently received, including many in foreign languages; 6,421 reels of microfilm; 84,600 microcards; 201,500 microfiche; 75,000 standards and specifications; depository collections of U.S. Army Map and Rand Corp. publications; complete collection of U.S. Patents on microfilm for the period since July 1, 1946 (with cumulative indexes on microfilm); 50,000 United

1005

States and foreign geological survey and topographic maps; comprehensive holdings of subject indexes, abstracts, and bibliographies; extensive holdings of Russian scientific and technical books and serials and of Japanese scientific and technical serials; a large collection of original classical works in science and technology dating back to the 15th century.

PUBLICATIONS: "Serials Holdings in the Linda Hall Library" (October 1, 1968, with one complete revision and one supplement annually); "Japanese, Chinese and Russian Serials in the Linda Hall Library, 1 March 1970"; "Book Collection and Services of the Linda Hall Library" (1967).

INFORMATION SERVICES: Permits onsite use of collection; makes interlibrary loans; provides microfilm and photocopies, subject to copyright regulations. A Missouri Technological Information Center, established in the Linda Hall Library building but supported by State and Federal funds under the State Technical Services Act and sponsored by the University of Missouri at Kansas City, provides a wide range of information services to Missouri users (services to non-Missouri users may be arranged on an individual basis at appropriate rates). (See entry under University of Missouri at Kansas City for a description of the Technological Information Center.)

LLOYD LIBRARY AND MUSEUM

1005 917 Plum St.
Cincinnati, Ohio 45202
Tel: (513) 721-3707

AREAS OF INTEREST: Pharmacy and pharmacognosy; biology, including zoology, entomology, botany, and mycology; eclectic medicine; chemistry; natural sciences; agriculture and allied sciences.

HOLDINGS: About 165,000 bound volumes; 100,000 pamphlets. Included are scientific treatises, dissertations, periodicals, transactions of learned scientific societies, reprints, and serials in many languages.

PUBLICATIONS: *Lloydia* (quarterly journal of natural products). Former publications included bulletins, mycological writings, bibliographical contributions, pharmacy reprints, and writings on the origin and history of the pharmacopoeial and vegetable drugs (a list of these former publication titles is available).

INFORMATION SERVICES: Answers inquiries; provides duplication services; makes referrals; permits onsite use of collection.

1006

LOBO WOLF PARK

1006 R.D. 1, Box 162
Kane, Pa. 16735
Tel: (814) 837-7559

AREAS OF INTEREST: Preservation and propagation of the Buffalo Wolf (*Canis lupus nubilus*).

HOLDINGS: 25 living specimens of *Canis lupus nubilus*; motion pictures, photos, slides, project records.

PUBLICATIONS: Brochure.

INFORMATION SERVICES: Answers inquiries; provides consulting services and short lists of literature citations in response to specific inquiries; prepares analyses; makes referrals; permits onsite use of collection by arrangement.

LONG ISLAND UNIVERSITY

Brooklyn Center

Department of Biology

1007 Brooklyn Center
Long Island University
385 Flatbush Ave. Ext.
Brooklyn, N.Y. 11201
Tel: (212) 834-6120

AREAS OF INTEREST: Biological sciences, including microbiology and cell biology.

HOLDINGS: 50,000 books; 1,000 periodical titles.

INFORMATION SERVICES: Answers inquiries; provides consulting services for fee.

Brooklyn College of Pharmacy

Laboratories for Therapeutic Research

1008 Brooklyn College of Pharmacy
600 Lafayette Ave.
Brooklyn, N.Y. 11216
Tel: (212) 622-4040

AREAS OF INTEREST: Environmental, auditory, vibratory, isolation, and handling stresses on the metabolism, behavior, and endocrine function of animals; effects of pharmacological agents, including psychotomimetic, LSD-25, mescaline, etc., on behavior, metabolism, and endocrine function; physiological imbalances in audiogenic-seizure susceptible and whirler mice; effects of drugs and/or stress on resistance histamine; effects of stress (chemical and physiological) on offspring covering

LOBO WOLF PARK

their development, behavior, endocrine, and metabolic functions.

INFORMATION SERVICES: Answers inquiries; makes referrals; disseminates reprints of research manuscripts.

Library

1009 Brooklyn College of Pharmacy
600 Lafayette Ave.
Brooklyn, N.Y. 11216
Tel: (212) 622-4040

AREAS OF INTEREST: Pharmacy, including pharmacology and pharmacognosy; drug information sources; pharmacy administration and laws; pharmaceutical chemistry.

HOLDINGS: 14,000 books; 6,000 bound journals; 8,500 reports.

INFORMATION SERVICES: Provides reference services; permits onsite use of collection.

LONGWOOD GARDENS

1010 Kennett Square, Pa. 19348
Tel: (215) 388-6741

AREAS OF INTEREST: Ornamental horticulture; horticultural display; ornamental plant improvement.

HOLDINGS: 28,000 plant specimens; 10,000 photos; 10,000 slides; 5,600 books; 4 motion pictures.

PUBLICATIONS: Checklist of plants grown in gardens and conservatories; schedule of public events; brochures; guide maps to the conservatories and outdoor gardens.

INFORMATION SERVICES: Answers inquiries; provides publications about the gardens; rents slides; lends books; offers prearranged guided tours, short courses for home gardens, and lecture series; makes referrals. The Gardens are open to the public year-round.

LOS ANGELES COLLEGE OF OPTOMETRY LIBRARY

1011 950 West Jefferson Blvd.
Los Angeles, Calif. 90007
Tel: (213) 747-9161

AREAS OF INTEREST: Optometry; ophthalmology (except surgery); physiological optics; physical optics; geometric optics; ophthalmic optics; visual science; psychology.

LOS ANGELES COUNTY MEDICAL ASSOCIATION LIBRARY

1015

HOLDINGS: 5,850 books; 135 journal subscriptions; special collection of the writings of Hermann Cohn (19th century German ophthalmologist).

PUBLICATIONS: Occasional booklists.

INFORMATION SERVICES: Provides reference and document services; lends material to optometrists or scientists working in the field of vision; prepares bibliographies for optometrists and staff; makes interlibrary loans; permits onsite use of collections by arrangement.

LOS ANGELES COUNTY AIR POLLUTION CONTROL DISTRICT

1012 434 South San Pedro St.
Los Angeles, Calif. 90013
Tel: (213) 629-4711

AREAS OF INTEREST: Air pollution control; air monitoring for the Los Angeles area; source testing of contaminant emissions; hydrocarbons; oxides of nitrogen; oxides of sulfur (air survey); combustion contaminants; eye irritation; aerosols (atmospheric); ozone (atmospheric); gas chromatography; photochemistry (atmospheric); atomic absorption.

HOLDINGS: 1,725 books; 910 reports; 165 journals.

PUBLICATIONS: *News Report* (monthly); *Quarterly Contaminant Report*; *Air Pollution Data for Los Angeles County* (annual); technical reports on experimental projects.

INFORMATION SERVICES: Permits onsite reference.

LOS ANGELES COUNTY HEALTH DEPARTMENT

Bureau of Environmental Sanitation

Entomology Section

1013 Bureau of Environmental Sanitation
Los Angeles County Health Department
220 North Broadway, Room 300
Los Angeles, Calif. 90012
Tel: (213) 625-3212 Ext. 325

AREAS OF INTEREST: Pesticides, including home and agency use of pesticides for vector or pest control, human reactions to pesticides, and methods of educating the public on the use of pesticides; venomous arthropods and reptiles, including *Loxosceline* spiders.

HOLDINGS: Extensive reference collection of local specimens of arthropod vectors or pests and other biological organisms injurious to or of nuisance value to man; small collection of books, periodicals, and reports.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

Medical Deputy Bureau

Division of Occupational Health

1014 Medical Deputy Bureau
Los Angeles County Health Department
313 North Figueroa St., Room 527
Los Angeles, Calif. 90012
Tel: (213) 625-3212 Ext. 471

AREAS OF INTEREST: Occupational health; industrial hygiene studies of employee exposure to toxic materials and subjection to excessive noise, heat, inadequate lighting, laser beams, microwaves, ultraviolet light, and oxygen deficiency; adequacy of ventilation systems for removal and control of toxic materials; adequacy of sanitary facilities; environmental sampling and analysis techniques; chemical analysis of industrial chemicals; toxicology of industrial chemicals.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Reports, standards, specifications.

INFORMATION SERVICES: Answers brief inquiries; provides consulting services. Services are primarily for employees within the County.

LOS ANGELES COUNTY MEDICAL ASSOCIATION LIBRARY

1015 634 South Westlake Ave.
Los Angeles, Calif. 90057
Tel: (213) 483-4555

AREAS OF INTEREST: Clinical medicine, with special attention to air pollution, narcotics, occupational health, drugs, and pharmaceuticals.

HOLDINGS: 111,000 books; 1,450 periodical subscriptions; 38,000 bound periodicals; 18,000 pamphlets; 450 bibliographies; 26,000 photos; 119 motion pictures; 1,500 magnetic tapes; special collection in the history of medicine, including rare and early imprints, and a definitive collection in medical Californiana.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, literature-searching, and bibliographic services; provides duplication services for fee; makes referrals; makes direct and interlibrary loans; permits onsite use of collections. Complete services are available to the medical community and serious researchers only.

LOS ANGELES COUNTY MUSEUM OF NATURAL HISTORY

1016 900 Exposition Blvd.
Los Angeles, Calif. 90007
Tel: (213) 746-0410

AREAS OF INTEREST: Zoology; botany; ethnology; archaeology; paleontology; mineralogy; geology; U.S. history and technology.

HOLDINGS: 7 million plants, animals, fossils, minerals, and anthropological specimens; 150,000 historic technological items; 100,000 photos and negatives; 45,000 books, pamphlets, and brochures; 80,000 reprints; 8,000 maps and charts. The Museum administers the Rancho La Brea Pleistocene fossil sites at Hancock Park.

PUBLICATIONS: Science and history bulletins and journals; quarterly magazine.

INFORMATION SERVICES: Answers inquiries; identifies specimens; permits onsite research by qualified investigators or lends materials to their institutions; rents exhibit materials to Los Angeles public schools; sponsors exhibitions, guided tours, classes, lectures, films, gallery talks, and concerts.

LOS ANGELES COUNTY-UNIVERSITY OF SOUTHERN CALIFORNIA MEDICAL CENTER

County Hospitals Libraries

1017 Los Angeles County-University of Southern California Medical Center
1200 North State St.
Los Angeles, Calif. 90033
Tel: (213) 225-3115 Ext. 7-1853

County hospitals libraries include the General Hospital Medical Library, the Women's Hospital Medical Library, and the Nursing Library.

AREAS OF INTEREST: Medicine; nursing; X-ray and laboratory technology; hospital administration; medical social service.

HOLDINGS: 45,000 books; 1,386 periodical titles; 5,317 audio-digest tapes and cassettes; 9 verticle file drawers of pamphlets; 4 vertical file drawers of staff reprints; 112 books for the visually handicapped; 51 Braille books; 31 films; 33 sets of slides; 15 8mm motion pictures.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, literature-searching (bibliographies and MEDLARS), duplication, and limited translation services; makes direct and interlibrary loans. Services are provided free to other libraries and the Hospital professional staff.

LOS ANGELES PUBLIC LIBRARY

Science and Technology Department

1018 Los Angeles Public Library
630 West 5th St.
Los Angeles, Calif. 90017
Tel: (213) 626-7555

AREAS OF INTEREST: Mathematics; astronomy; physics; chemistry; biology; chemical technology; geology; mining; engineering; agriculture; medicine; health and nutrition; construction; oceanography; anthropology.

HOLDINGS: Books for many levels of study; large collection of pamphlets and trade catalogs; subscriptions to more than 1,000 trade, technical, and scientific periodicals, with long back files of many periodicals; publications from other Western States (particularly strong in the geology of Western States); material on agriculture and health from the United Nations; extensive cookbook collection; complete file of U.S. patent drawings and specifications and indexes. The Department is a depository for Federal, State, and U.N. publications in many fields.

INFORMATION SERVICES: Answers inquiries; provides general library reference services; makes referrals; makes direct and interlibrary loans; provides photostatic copies; permits onsite reference.

LOS ANGELES STATE AND COUNTY ARBORETUM

1019 301 North Baldwin Ave.
Arcadia, Calif. 91006
Tel: (213) 446-8251

AREAS OF INTEREST: Botany; horticulture, especially ornamental horticulture in southern California; plant introductions; early California history; research projects in plant ecology, air pollution, plant pathology, and genetics.

HOLDINGS: 30,000 herbarium specimens; 5,500 plant species and 23,000 specimen plants; 15,000 plant records; a library with 28,000 books, 475 journal subscriptions, 18,263 pamphlets, 3,400 nursery catalogs, and a photo file (black and white and color) of major plants.

PUBLICATIONS: *Lasca Leaves* (quarterly, sponsored by the California Arboretum Foundation, representing the Department of Arboreta and Botanic Gardens of Los Angeles County, of which the Los Angeles State and County Arboretum is one of three main facilities).

INFORMATION SERVICES: Answers inquiries; provides consulting services; identifies plants; identifies insects and disease on plants; makes referrals. Inter-library loans and duplication services are available through the library, or the literature collection may be used onsite. The Arboretum is open to the public.

LOUISIANA AGRICULTURAL EXPERIMENT STATION

see Louisiana State University

LOUISIANA COOPERATIVE WILDLIFE RESEARCH UNIT

1020 Louisiana State University
Baton Rouge, La. 70803
Tel: (504) 388-5317

The Louisiana Cooperative Wildlife Research Unit is sponsored by Louisiana State University, the Louisiana Wildlife and Fisheries Commission, the Wildlife Management Institute, and the U.S. Fish and Wildlife Service.

AREAS OF INTEREST: Wildlife management and ecology; pesticides; wetland ecology; wildlife diseases.

HOLDINGS: Reference collection of pamphlets and reports.

PUBLICATIONS: Quarterly report, papers, special reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services; identifies specimens; makes referrals; permits onsite reference.

LOUISIANA DEPARTMENT OF AGRICULTURE

1021 P.O. Box 4052
Capitol Station
Baton Rouge, La. 70804
Tel: (504) 343-7837

AREAS OF INTEREST: Agriculture in Louisiana, including entomology, feeds, fertilizer, marketing, milk testing, seeds, stream pollution, agricultural engineering, weights and measures, veterinary medicine, and pesticides; laws and regulations affecting agriculture; agricultural statistics.

PUBLICATIONS: *Market News*; biennial report, standards, pamphlets.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides translation services.

Division of Agricultural Chemistry

1022 Louisiana Department of Agriculture
P.O. Box 16390-A
Baton Rouge, La. 70803
Tel: (504) 389-5575

AREAS OF INTEREST: Agricultural chemistry; investigations and analysis of livestock poisoning and crop damage; labeling and use of pesticides; pesticide residue; water pollution; air pollution; environmental effects.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals.

Livestock Sanitary Board

1023 Louisiana Department of Agriculture
P.O. Box 44003, Capitol Station
Baton Rouge, La. 70804
Tel: (504) 389-5688

AREAS OF INTEREST: Control, eradication, and prevention of livestock diseases.

HOLDINGS: Small collection of reports.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals.

LOUISIANA DEPARTMENT OF HEALTH

1024 P.O. Box 60630
New Orleans, La. 70160

1025

Location:

Louisiana State Office Bldg.
325 Loyola Ave.
New Orleans, La.
Tel: (504) 527-5824
(504) 527-5916 (Film Library)

AREAS OF INTEREST: Comprehensive public health services in Louisiana, including health education and training of professional workers; accident prevention.

HOLDINGS: A library of 17,539 books, 2,918 bound periodicals, and pamphlets on health and accident prevention; a Film Library of motion pictures, filmstrips, slides, and records (a catalog is available).

PUBLICATIONS: Biannual report, various vital statistics reports at regular intervals, bimonthly newsletters, public health pamphlets.

INFORMATION SERVICES: Answers inquiries pertaining to public health in Louisiana; makes referrals; provides consulting services on health problems; provides immunological services and serological, bacteriological, chemical, and toxicological testing services; conducts educational and training programs. The Film Library lends materials to interested groups within the State. Requests must be made in writing at least two weeks in advance of the showing.

Bureau of Environmental Health

1025 Louisiana Department of Health
P.O. Box 60630
New Orleans, La. 70160

Location:

325 Loyola Ave.
New Orleans, La.
Tel: (504) 527-5111

AREAS OF INTEREST: All aspects of environmental health.

HOLDINGS: Records of operations.

PUBLICATIONS: Reports, directories.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services.

LOUISIANA FORESTRY COMMISSION

1026 P.O. Box 15239, Broadview Station
Baton Rouge, La. 70815
Tel: (504) 389-7361

AREAS OF INTEREST: Forest management; reforestation; insect and disease control; forest fire preven-

LOUISIANA DEPARTMENT OF HEALTH

tion; forest fire detection and suppression; forest information; conservation education.

HOLDINGS: Small collection of reports.

PUBLICATIONS: Reports, directories, bibliographies, technical bulletins, leaflets, conservation educational materials.

INFORMATION SERVICES: Answers inquiries; makes referrals; disseminates publications; prepares releases and features for the news media.

LOUISIANA STATE UNIVERSITY

Agricultural Extension Service Library

1027 Louisiana State University
Knapp Hall, University Station
Baton Rouge, La. 70803
Tel: (504) 348-6511 Ext. 4141

AREAS OF INTEREST: Agricultural extension work; agriculture; home economics; social sciences.

HOLDINGS: 4,900 books; 120 periodical titles; 6,300 reports; 40,000 pamphlets; maps and charts.

PUBLICATIONS: Bibliography.

INFORMATION SERVICES: Provides reference services; permits onsite use of collection.

Coastal Studies Institute

1028 Louisiana State University
Baton Rouge, La. 70803
Tel: (504) 388-2395

AREAS OF INTEREST: Technical aspects of coastal areas of the world, including geology, sedimentation, geomorphology, botany, chemistry, and surf zone processes.

HOLDINGS: Data.

PUBLICATIONS: Monographs and articles in scientific journals.

INFORMATION SERVICES: Answers brief inquiries; provides advisory services; disseminates reprints and technical reports.

Cooperative Extension Service

1029 Louisiana State University
Baton Rouge, La. 70803
Tel: (504) 343-7444

AREAS OF INTEREST: Agricultural economics; agricultural engineering; agronomy; animal science;

clothing; consumer education; dairying; entomology; family life; farm management; forestry; 4-H programs; home management; horticulture; house furnishings; housing; marketing; nutrition; plant pathology; poultry; recreation; resource development; rural sociology; veterinary science.

HOLDINGS: Small collection of reports.

PUBLICATIONS: Bulletins, pamphlets, reports, multilithed materials.

INFORMATION SERVICES: Answers inquiries; disseminates bulletins, pamphlets, multilithed materials, and mass media information; provides consulting and duplication services; makes referrals; conducts educational programs.

Louisiana Agricultural Experiment Station

1030 Louisiana State University
P.O. Drawer E
Baton Rouge, La. 70803
Tel: (504) 388-4181

AREAS OF INTEREST: General agriculture; agricultural chemistry; agricultural engineering; agricultural economics; agronomy; animal science; dairy science; entomology; experimental statistics; feed and fertilizers; food science and technology; forestry and wildlife management; home economics; horticulture; landscape architecture; microbiology; plant pathology; poultry science; rural sociology; veterinary science; major agricultural industries (rice, beef cattle, sugar cane, cotton, soybean, dairying, poultry, forestry, sweet potato, pecan, and fisheries industries).

PUBLICATIONS: *Louisiana Agriculture* (quarterly).

INFORMATION SERVICES: Answers inquiries; makes referrals.

Medical Center Library

1031 Louisiana State University
1542 Tulane Ave.
New Orleans, La. 70112
Tel: (504) 527-5131

AREAS OF INTEREST: Medicine; dentistry; nursing; allied health professions; basic sciences on a graduate level.

HOLDINGS: 85,000 bound volumes; 1,500 periodical subscriptions; a special collection on yellow fever.

PUBLICATIONS: Bulletin.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and literature-searching services; provides duplication services for fee; makes interlibrary loans; makes direct loans to members of the medical community; permits onsite use of collection.

School of Medicine

Department of Pathology

1032 School of Medicine
Louisiana State University
1542 Tulane Ave.
New Orleans, La. 70112
Tel: (504) 527-5637

AREAS OF INTEREST: Pathology; autopsy; analytical methods, including chemical analysis, chromatography, and spectrophotometry; experimental (primate) and natural atherosclerosis; clinical chemistry; histochemistry; cancer and cytotechnology; epidemiology of cerebrovascular and cardiovascular diseases.

HOLDINGS: Extensive study collection of coronary arteries and aortas collected from 14 countries with different ethnic groups (for study of natural history and geographic pathology of atherosclerosis). The Department uses the literature collections of the Medical Center Library and the cooperating libraries of the South Central States (TALON).

PUBLICATIONS: A list of 495 publications (1933-1970) by departmental faculty is available.

INFORMATION SERVICES: Answers inquiries free; provides consulting services for fee. Services are primarily for medical personnel, but are also available to police and other law enforcement agencies.

University Library

Science Division

1033 Louisiana State University Library
Highland Rd.
Baton Rouge, La. 70803
Tel: (504) 388-2217

AREAS OF INTEREST: Science and technology, especially geology, petroleum engineering, paleontology, botany, plant pathology, ornithology, and all aspects of sugarcane growing and sugar chemistry.

HOLDINGS: 295,000 volumes, including Government documents; 9,000 serial titles.

INFORMATION SERVICES: Answers inquiries; provides reference services; makes direct loans to University personnel and professional scientific and academic personnel in the area; makes interlibrary loans; permits onsite reference by the public.

LOUISIANA TECH UNIVERSITY

College of Life Sciences

Division of Research

1034 College of Life Sciences
Louisiana Tech University
P.O. Box 5797, Tech Station
Ruston, La. 71270

Location:

Reese Hall, South Campus
Ruston, La.
Tel: (318) 255-6232

AREAS OF INTEREST: Research on subjects related to agriculture, biological sciences, and forestry.

HOLDINGS: Small collection of books.

PUBLICATIONS: Research bulletins, reprints.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; makes interlibrary loans; permits onsite use of collection.

Prescott Memorial Library

1035 Louisiana Tech University
Ruston, La. 71270
Tel: (318) 257-2577 (Director of Libraries)

For specialized subject inquiries, call one of the following:

Tel: (318) 257-4830 (Humanities)
(318) 257-4830 (Science-Technology)
(318) 257-4671 (Business, Social Sciences)
(318) 257-4962 (Documents)
(318) 255-4571 (Forestry)

AREAS OF INTEREST: Agriculture; agricultural engineering; agronomy; Air Force aerospace studies; animal husbandry; bacteriology; botany; chemical engineering; chemistry; civil engineering; dairying; data processing; electrical engineering; forestry; geography; geology; home economics; horticulture; industrial engineering; mathematics; mechanical engineering; petroleum engineering; physics; poultry husbandry; psychology; veterinary science; zoology; humanities; social sciences; business.

HOLDINGS: 155,492 books; 391,786 Federal and State documents; 1,901 periodical titles; 6,545 microfilm reels; 85,953 units of microtext; 19,062 pamphlets; 14,129 vertical files; 27,799 miscellaneous publications (catalogs, reports, directories, bulletins, maps, etc.); 17,187 archival items. The document library is a regional depository for Federal documents and a full depository for State documents.

PUBLICATIONS: Bibliography of masters' and doctoral submissions accepted at Louisiana Tech University (annual).

INFORMATION SERVICES: Answers inquiries; provides reference, consulting, literature-searching, abstracting, and duplication services; makes direct and interlibrary loans; permits onsite reference. All services are free, except interlibrary loans and duplication services.

Water Resources Center

1036 Louisiana Tech University
Ruston, La. 71270
Tel: (318) 257-3546

AREAS OF INTEREST: Hydraulics; hydrology; water supply and water quality; water resources planning and management; computer applications to water resources; zoology; bacteriology.

HOLDINGS: Small collection of books.

PUBLICATIONS: Proceedings of conferences and seminars and reports of research projects.

INFORMATION SERVICES: Answers inquiries; provides speakers for civic clubs on environmental subjects.

LOUISIANA VETERINARY MEDICAL ASSOCIATION

1037 c/o Dr. Robert R. Gibbs, Executive Secretary
4527 Cerise Ave.
New Orleans, La. 70127
Tel: (504) 242-2015

AREAS OF INTEREST: All aspects of veterinary medicine, including: large and small animals; private practice; military, State, and Federal salaried veterinary employees; training and research; food health supervision and inspection; and education and veterinary recruitment.

PUBLICATIONS: Newsletter (monthly); directory (annual).

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; conducts continu-

ing education courses. Services are primarily for veterinarians and fees may be charged.

LOUISIANA WILD LIFE AND FISHERIES COMMISSION

1038 P.O. Box 44095, Capitol Station
Baton Rouge, La. 70804

Location:

Wild Life and Fisheries Bldg.
400 Royal St.
New Orleans, La.
Tel: (504) 389-5351

AREAS OF INTEREST: Wildlife, especially game animals and fish.

HOLDINGS: 100 periodical titles; books, reports.

PUBLICATIONS: *Louisiana Conservationist* (bimonthly); reports, books.

INFORMATION SERVICES: Answers inquiries.

Division of Water Pollution Control

1039 Louisiana Wild Life and Fisheries
Commission
P.O. Drawer FC, University Station
Baton Rouge, La. 70803

Location:

Geology Bldg., Room 137
Louisiana State University
Baton Rouge, La.
Tel: (504) 389-5309

AREAS OF INTEREST: Water quality; water pollution control.

HOLDINGS: Small collection of reports.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; permits onsite reference.

LOVELACE FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH

1040 5200 Gibson Blvd. SE.
Albuquerque, N. Mex. 87108
Tel: (505) 842-7000

AREAS OF INTEREST: Biomedical research.

HOLDINGS: A library of about 5,000 books, 500 periodical titles, and 25,000 reports.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, literature-searching, and duplication services; makes referrals; lends materials. Services are primarily for scientists and medical personnel.

LOYOLA UNIVERSITY, NEW ORLEANS

University Library

Science Section

1041 Loyola University Library
6363 St. Charles Ave.
New Orleans, La. 70118
Tel: (504) 866-5471

AREAS OF INTEREST: Physical sciences, including chemistry, computer science, mathematics, and physics; biological sciences, including anatomy, biology, botany, embryology, microbiology, and physiology; dental hygiene.

HOLDINGS: 25,000 books; 30,000 journals; vertical files of maps, pamphlets, and reprints.

INFORMATION SERVICES: Lends materials to qualified researchers and professional persons; makes inter-library loans.

LOYOLA UNIVERSITY OF CHICAGO

Medical Center Library

1042 Loyola University
2160 South 1st Ave.
Maywood, Ill. 60153
Tel: (312) 531-3192

AREAS OF INTEREST: Health sciences; medicine; dentistry; nursing.

HOLDINGS: 19,529 books; 33,400 bound periodical volumes; 1,600 journal and serial subscriptions; 13 microfilm reels; 117 tapes; 72 recordings; 45 films (cassettes); 1,685 pamphlets; 250 reports.

PUBLICATIONS: Acquisitions list (monthly).

INFORMATION SERVICES: Answers inquiries; provides short lists of literature citations in response to specific inquiries; furnishes location of hard-to-find bibliographic materials; makes referrals; permits onsite use of collection. Services are available to

1043

faculty, students, former graduates, Center personnel, and Hines Veterans Administration Hospital and Madden Zone Center personnel.

Stritch School of Medicine

Department of Pharmacology and Therapeutics

1043 Stritch School of Medicine
Loyola University
2160 South 1st Ave.
Maywood, Ill. 60153
Tel: (312) 531-3261

AREAS OF INTEREST: Pharmacology and therapeutics, including lead poisoning in children and adults and toxicology of spermatogenesis.

PUBLICATIONS: Reports in journals.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

LUBBOCK CITY-COUNTY HEALTH DEPARTMENT

1044 P.O. Box 2548
Lubbock, Tex. 79408

Location:

1118 Jarvis St.
Lubbock, Tex.

Tel: (806) 762-6411 Ext. 349

AREAS OF INTEREST: Public health and public health engineering; encephalitis; water conservation; mosquito control; air and water pollution.

HOLDINGS: Small reference collection of books, journals, technical reports, abstracts, newsletters, posters, pamphlets, and reprints.

PUBLICATIONS: Annual progress report, pamphlets.

INFORMATION SERVICES: Answers inquiries and distributes pamphlets without charge; permits onsite use of collection.

LUCKEY LABORATORIES, INC.

1045 7252 Osburn Rd.
San Bernardino, Calif. 92404
Tel: (714) 884-6235

AREAS OF INTEREST: Alcohol and its effects on driving and related endeavors; alcohol testing devices,

LOYOLA UNIVERSITY OF CHICAGO

including a range of portable breath testing devices and a small gas chromatograph for analysis of blood, breath, and urine alcohol specimens; direct and indirect alcohol measurement to inhibit automobile operation; selective research and development studies on alcohol and alcohol-related devices.

HOLDINGS: Small collection of periodicals, references, and independent technical papers evaluating Company products.

PUBLICATIONS: Newsletter, technical papers.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; provides expert testimony in court cases involving alcohol. A fee is charged for services.

LYNCHBURG COLLEGE

Biology Department

1046 Lynchburg College
Lynchburg, Va. 24502
Tel: (703) 845-9071 Ext. 267

AREAS OF INTEREST: Flora of the Central Virginia Blue Ridge Mountains and Southern Piedmont; biosystematics of the North American *Cimicifuga*.

HOLDINGS: 19,000 herbarium specimens.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; provides reference services; lends specimens.

MAINE AGRICULTURAL EXPERIMENT STATION

see University of Maine

MAINE DEPARTMENT OF AGRICULTURE

1047 Augusta, Maine 04330
Tel: (207) 623-4511

AREAS OF INTEREST: Agricultural laws of Maine; inspection and marketing of agricultural products; promotion of Maine agricultural products.

HOLDINGS: Motion pictures, standard weights and measures.

PUBLICATIONS: Biennial report.

INFORMATION SERVICES: Answers inquiries; lends films for school and organizational showings.

MAINE DEPARTMENT OF HEALTH AND WELFARE

1048 State House
Augusta, Maine 04330

Location:

221 State St.
Augusta, Maine
Tel: (207) 289-3707

AREAS OF INTEREST: Public health in Maine; communicable diseases; nutrition; fluoridation.

HOLDINGS: Large collection of books, journals, motion pictures, posters and other display materials, graphs, reviews, newsletters, reprints, publication lists, pamphlets, and news releases.

PUBLICATIONS: *Weekly Report on Communicable Diseases*; *Summaries of Activities*; *Fluoridation Newsletter*; *Nutrition Notes*; *Food News*; *Services to Families*; reviews, standards and specifications, reprints, bibliographies, pamphlets, news releases. A publications list and a list of films for loan are available on request.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides reference and consulting services; provides duplication services for fee; performs laboratory analyses; lends some materials; permits onsite use of collection. Services are primarily for residents of Maine.

Division of Sanitary Engineering

1049 Maine Department of Health and Welfare
State St.
Augusta, Maine 04330
Tel: (207) 622-7131

AREAS OF INTEREST: Environmental sanitation; engineering problems related to sanitation; bacteriological, microscopic, radiological, and sanitary chemical examination of water; toxicologic and other laboratory analyses; poisons; radioactive chemicals; autopsy; pesticides; food poisoning; pollution.

HOLDINGS: Small reference library.

INFORMATION SERVICES: Answers inquiries; provides consulting and laboratory testing services.

MAINE DEPARTMENT OF INLAND FISHERIES AND GAME

1050 State House
Augusta, Maine 04330

Tel: (207) 289-2871 (Information and Education)
(207) 289-3371 (Administration and Warden Service)
(207) 289-3651 (Game, Fisheries, Hatchery, Engineering, and Realty Divisions)

AREAS OF INTEREST: Inland fisheries and game in the State of Maine; pesticides; fishkills; radioactive waste disposal; pollution and its causes.

HOLDINGS: Press releases, journals.

PUBLICATIONS: *Maine Fish and Game Magazine* (quarterly, by subscription); leaflets on previous deer and migratory bird seasons (annual in July or August and April, respectively); pamphlets. A publications catalog is available free.

INFORMATION SERVICES: Answers inquiries; makes referrals; identifies fauna, fish, and flora of the region.

MAINE DEPARTMENT OF SEA AND SHORE FISHERIES

Division of Marine Research

1051 Maine Department of Sea and Shore Fisheries
State Office Bldg.
Augusta, Maine 04330
Tel: (207) 623-4511 Ext. 761

AREAS OF INTEREST: Effects of algal, bacterial, oil, oil emulsifier, thermal, pesticidal, and metallic ion pollution on fish, shellfish, crustacea, and sea weeds; population dynamics; effects of environmental variables on species abundance.

HOLDINGS: 800 marine specimens (living, preserved, fossils); 5,000 slides; 1,400 photos; 15 motion picture films; 500 maps and charts; 200 technical reports; 400 abstracts; data compilations, posters, books, reviews, newsletters, pamphlets, clippings, bibliographies, press releases.

PUBLICATIONS: Technical reports, pamphlets.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting and analytical services; permits onsite use of collection.

1052

MAINE MEDICAL CENTER

Health Sciences Library

1052 Maine Medical Center
22 Bramhall St.
Portland, Maine 04102
Tel: (207) 871-2201

AREAS OF INTEREST: Medicine, nursing, and related aspects of the health sciences.

HOLDINGS: 4,822 books; 352 periodical titles; reports, audio-tapes.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, literature-searching, and duplication services; makes referrals; makes interlibrary loans; permits onsite use of collection.

MALCOLM BLISS MENTAL HEALTH CENTER

Alcohol Service

1053 Malcolm Bliss Mental Health Center
1420 Grattan St.
St. Louis, Mo. 63104
Tel: (314) 241-7600

AREAS OF INTEREST: All aspects of alcohol dependency, including diagnosis, treatment, and psychiatric and social problems relating to alcoholism.

HOLDINGS: Small collection of books.

PUBLICATIONS: Reports to the State of Missouri, other reports.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; makes referrals.

MALTING BARLEY IMPROVEMENT ASSOCIATION

1054 828 North Broadway
Milwaukee, Wis. 53202
Tel: (414) 273-4880

AREAS OF INTEREST: Malting barley breeding and quality evaluation; malting and brewing.

PUBLICATIONS: Annual report, other reports, maps, news releases.

INFORMATION SERVICES: Answers inquiries; disseminates publications; conducts barley variety

MAINE MEDICAL CENTER

identification schools. Services are primarily for barley growers and barley grain handlers.

MARGARET SANGER RESEARCH BUREAU, INC.

1055 17 West 16th St.
New York, N.Y. 10011
Tel: (212) 929-6200

AREAS OF INTEREST: Family planning and human fertility; contraception; birth control; planned parenthood; population trends; sex education; sterility; problems of marriage and family living; marriage consultation; medical, psychological, and social aspects of marriage.

HOLDINGS: 2,500 books; 50 journal titles; reports, data, films.

PUBLICATIONS: Reports, pamphlets, reprints.

INFORMATION SERVICES: Diagnostic services are provided by staff physicians. Technical consultant services are available to manufacturers of contraceptives. Laboratory and clinical study reports are restricted to research sponsors. The library is open for reference by appointment to medical students, research workers, and writers; no literature searches are performed.

MARINE BIOLOGICAL LABORATORY LIBRARY

1056 MBL St.
Woods Hole, Mass. 02543
Tel: (617) 548-3705

AREAS OF INTEREST: All life sciences and allied engineering; geology; paleontology; meteorology; physics; chemistry; oceanography.

HOLDINGS: 140,000 volumes; 4,200 journal titles; 300,000 reprints. The Library serves as a repository for the library collections of the Woods Hole Oceanographic Institution.

INFORMATION SERVICES: Provides reference services to all scientific workers at the several Woods Hole institutions, including the Woods Hole Oceanographic Institution, the laboratory of the U.S. Bureau of Fisheries, and the workshop of the National Academy of Sciences; provides duplication (Xerox) services for interlibrary loan.

MARINE CHEMURGICS, INC.

1057 RFD 1, Box 99 (Ocean)
Newport, N.C. 28570
Tel: (919) 326-8307

AREAS OF INTEREST: Fishery technology; fish and poultry by-products reduction processes and new equipment; animal and poultry nutrition; salmonella contamination and control; handling and processing of seafoods; proteins; fats and oils; rendering methods; blending of feedstuffs.

HOLDINGS: Books, journals, reports, patents, data, nonprinted material.

PUBLICATIONS: Technical reports; *Carteret County, N.C. Seafood Processing Project, Parts 1, 2, 3*, EDA, U.S. Department of Commerce (1966-1969).

INFORMATION SERVICES: Provides consulting services for fee; exchanges information with other research groups on cooperative basis.

MARINELAND OF THE PACIFIC BIOLOGICAL LABORATORY

1058 Palos Verdes Dr. South
Palos Verdes Estates, Calif. 90274
Tel: (714) 377-1571

AREAS OF INTEREST: Ichthyology; mammalogy; marine mammals.

HOLDINGS: 3,000 live specimens of marine fishes and mammals; 8 films; 1,200 photos; 50 maps and charts; 45 technical reports; 10 journal subscriptions; 3,600 reprints; abstracts, news releases.

PUBLICATIONS: Technical reports, motion pictures.

INFORMATION SERVICES: Answers inquiries; prepares analyses; lends films; provides short lists of literature citations in response to specific inquiries; permits onsite observation of live collections on request. Qualified scientists may be granted access to all collections, to the library, and to the physical facilities for approved research at no charge.

MARINELAND RESEARCH LABORATORY

1059 RFD 1, Box 122
St. Augustine, Fla. 32084

Location:

Marineland, Fla. (about 18 miles south of St. Augustine on Florida Route A1A)

Tel: (904) 829-5607

AREAS OF INTEREST: Marine mammals, fish, and invertebrates; anatomy and behavior of marine mammals; drugs (primarily tranquilizers and stimulants) as they relate to general behavior and vocalization; shock during animal handling; parasites; blood abnormalities; skin lesions.

HOLDINGS: 1,000 specimens of marine mammals, fish, and invertebrates; 3,100 photos; 500 slides; 275 motion pictures; 600 books; 2,500 periodicals; 5,000 reprints; 30 bibliographies; data, abstracts, news releases.

INFORMATION SERVICES: Answers inquiries; identifies strange fish, ambergris, etc.; makes referrals.

MARYLAND AGRICULTURAL EXPERIMENT STATION

see University of Maryland

MARYLAND DEPARTMENT OF HEALTH AND MENTAL HYGIENE

Bureau of Laboratories

1060 Maryland Department of Health and Mental Hygiene
16 East 23d St.
Baltimore, Md. 21218
Tel: (301) 383-2880

AREAS OF INTEREST: Diagnostic microbiology and clinical virology; sanitary microbiology; clinical chemistry; immunohematology; cancer cytology; environmental chemistry of food, air, and water; drug chemistry; chemistry of bedding and upholstery; licensure of clinical laboratories and blood banks.

HOLDINGS: 900,000 reports per year of examinations of human health specimens.

PUBLICATIONS: *Laboratory Bulletin for Medical and Public Health Laboratories* (once or twice a year).

INFORMATION SERVICES: Furnishes reports of examinations of specimens related to the health of humans in Maryland.

Center for Health Statistics

1061 Maryland Department of Health and Mental Hygiene
301 West Preston St.
Baltimore, Md. 21201
Tel: (301) 383-2850

1062

AREAS OF INTEREST: Maryland vital, public health, mental health, mental retardation, and juvenile delinquency statistics; population estimates; program evaluation.

HOLDINGS: Original certificates of births and deaths occurring in counties of Maryland from 1898; copies of marriage records for the State from 1951; copies of divorce records for the State from 1961; mental hygiene data base; juvenile delinquency data base.

PUBLICATIONS: *Annual Vital Statistics Report, Maryland*; *Population Estimates and short-term projections for Maryland* (annual); *State Mental Hospitals Report* (monthly and annual); *Mental Retardation Report* (monthly and annual); *Monthly Report: Juvenile Court Data, Institutional Populations, Probation and After-Care Activities*; *Cumulative Report, Juvenile Court Data, Institutional Populations* (annual); special studies and reports.

INFORMATION SERVICES: Answers technical inquiries; provides special statistical data on request to approved scientific researchers; issues certified copies of birth and death certificates to those with "direct and tangible interests"; prepares special demographic tabulations and program evaluation reports.

Division of Alcoholism Control

1062 Maryland Department of Health and Mental Hygiene
301 West Preston St.
Baltimore, Md. 21201
Tel: (301) 383-2784

AREAS OF INTEREST: Alcoholism; alcohol education; alcoholism programming.

HOLDINGS: Small collection of reports.

PUBLICATIONS: Directories, reports.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; makes referrals.

Division of Radiological Health

1063 Maryland Department of Health and Mental Hygiene
301 West Preston St.
Baltimore, Md. 21201
Tel: (301) 383-2747

AREAS OF INTEREST: All sources of ionizing radiation that may present a public health problem (X-rays, radionuclides, etc.); health physics.

HOLDINGS: Reports, slides, samples, data.

PUBLICATIONS: Project records, standards and specifications.

MARYLAND DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INFORMATION SERVICES: Answers inquiries; makes referrals; makes safety tests of X-ray devices.

Environmental Health Services

1064 Maryland Department of Health and Mental Hygiene
2305 North Charles St.
Baltimore, Md. 21218
Tel: (301) 383-3010 Ext. 8428

AREAS OF INTEREST: Environmental health, including air pollution, radiation surveillance, water pollution, water treatment, movement and dispersion of contaminants in rivers, surveillance of water supplies and community water systems, and solid wastes.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

MARYLAND DEPARTMENT OF NATURAL RESOURCES

1065 State Office Bldg.
Annapolis, Md. 21401
Tel: (301) 268-3371

AREAS OF INTEREST: Natural resources of Maryland.

HOLDINGS: Books, pamphlets, reprints, newsletters, reviews, photos, slides, maps, publication lists, bibliographies, clippings.

PUBLICATIONS: Pamphlets, maps, photos, annual report.

INFORMATION SERVICES: Answers brief inquiries; makes referrals; permits onsite use of collection.

MARYLAND DEPARTMENT OF POST MORTEM EXAMINERS

Office of the Chief Medical Examiner

Toxicology Laboratory

1066 Office of the Chief Medical Examiner
Maryland Department of Post Mortem Examiners
111 Penn St.
Baltimore, Md. 21201
Tel: (301) 752-2000 Ext. 2617 or 2618

AREAS OF INTEREST: Analytical methods in toxicology; lethal doses; tissue levels of drugs; toxicity of commercial products; symptoms of poisoning;

MASSACHUSETTS COLLEGE OF PHARMACY

1070

pathological changes associated with poisoning; blood grouping of stains; seminal stain examinations.

HOLDINGS: Collection of analytical parameters of toxicologically significant substances; small collection of books, periodicals, and reports.

PUBLICATIONS: Reports, research articles in journals.

INFORMATION SERVICES: Answers brief inquiries; provides consulting and reference services free to law enforcement agencies; provides analytical services for fee. Services are available to physicians, attorneys, and law enforcement agencies only.

MARYLAND FISH AND WILDLIFE ADMINISTRATION

1067 State Office Bldg.
Annapolis, Md. 21401
Tel: (301) 267-5678

AREAS OF INTEREST: Maryland wildlife, including laws and regulations; conservation; game and fresh water fish; estuarine and marine fish; waterfowl; birds; enforcement of conservation laws and regulations.

HOLDINGS: Data and data compilations, specimens, photos, maps, charts, display materials, project records, graphs, technical reports, standards and specifications, books, journals, abstracts, newsletters, reprints, bibliographies, pamphlets, press releases, clippings.

PUBLICATIONS: *Angler's Guide* (annual); brochures, news releases, maps and charts.

INFORMATION SERVICES: Answers inquiries; provides consulting services; provides short lists of literature citations in response to specific inquiries; makes referrals; lends films and slides; permits onsite use of collection.

MARYLAND ORNITHOLOGICAL SOCIETY

Baltimore Chapter

1068 Maryland Ornithological Society
Cylburn Mansion
4915 Greenspring Ave.
Baltimore, Md. 21209

AREAS OF INTEREST: Maryland birds.

HOLDINGS: Exhibit materials; slides, films.

PUBLICATIONS: Quarterly bulletin, monthly newsletter, annual program schedule, junior program schedule.

INFORMATION SERVICES: Answers nontechnical inquiries; makes referrals; conducts educational programs; lends materials to schools; permits onsite use of collection.

MASON RESEARCH INSTITUTE

1069 21 Harvard St.
Worcester, Mass. 01608
Tel: (617) 752-4601

The Institute is sponsored, in part, by the U.S. Department of Health, Education, and Welfare.

AREAS OF INTEREST: Steroids; toxicology of cancerolytic and carcinogenic compounds and solvents (particularly DMSO); marijuana and cannabinoids; animal pathology; histochemistry; hormone bioassay.

HOLDINGS: Bioassay data on 3,000 steroids; 3,000 reprints; books, periodicals, reports.

PUBLICATIONS: Bibliographies of scientific work on the dog.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, literature-searching, abstracting, and duplication services; performs laboratory analyses; lends material. Services are available for a fee.

MASSACHUSETTS AGRICULTURAL EXPERIMENT STATION

see University of Massachusetts

MASSACHUSETTS COLLEGE OF PHARMACY

Sheppard Library

1070 Massachusetts College of Pharmacy
179 Longwood Ave.
Boston, Mass. 02115
Tel: (617) 734-6700 Ext. 23 or 73

AREAS OF INTEREST: Pharmacy; pharmacology; chemistry; all phases of drug composition and action; narcotics and drug abuse; pesticides; medicinal and poisonous plants; alkaloids; drug nomenclature; business and statistical aspects of pharmacy; history of pharmacy.

HOLDINGS: About 29,000 volumes; almost 600 periodicals and other serials currently received.

INFORMATION SERVICES: Answers brief inquiries; provides reference, literature-searching, and indexing services; provides duplication services for fee; makes interlibrary loans. Extensive services are provided only to College-related personnel.

MASSACHUSETTS COOPERATIVE WILDLIFE RESEARCH UNIT

1071 University of Massachusetts
Amherst, Mass. 01003
Tel: (413) 545-2757

The Massachusetts Cooperative Wildlife Research Unit is sponsored by the University of Massachusetts, the Massachusetts Department of Natural Resources, the Wildlife Management Institute, and the U.S. Fish and Wildlife Service.

AREAS OF INTEREST: Wildlife management and conservation; ecology of vertebrate animals; pesticides and chemo-sterilants; training of graduate students.

PUBLICATIONS: Quarterly report, various scientific papers, monograph.

INFORMATION SERVICES: Answers inquiries; prepares state-of-the-art studies; makes referrals.

MASSACHUSETTS DEPARTMENT OF AGRICULTURE

1072 Leverett Saltonstall Bldg.
100 Cambridge St.
Boston, Mass. 02202
Tel: (617) 727-3000

AREAS OF INTEREST: All aspects of agriculture in Massachusetts, including livestock disease control, plant pest control, and mosquito control programs.

INFORMATION SERVICES: Answers inquiries; makes referrals.

MASSACHUSETTS DEPARTMENT OF LABOR AND INDUSTRIES

Division of Occupational Hygiene

1073 Massachusetts Department of Labor and Industries
39 Boylston St.
Boston, Mass. 02116
Tel: (617) 727-3982

AREAS OF INTEREST: Industrial hygiene and occupational medicine; toxicological problems related to industry and industrial exposure; accident prevention; respiratory protection; ventilation; in-plant medical and nursing programs.

HOLDINGS: 1,000 books; 100 periodical titles; 10,000 reports; 20,000 reprints and clippings of technical journals; 500 lantern slides; bulletins, reprints of staff papers.

PUBLICATIONS: Safe practice data sheets on chemistry, accident prevention, minerals, infection and physical hazards, respiratory protection, and ventilation; films, including "A Plant Health Program," "To Their Health," and "Epizootiology of Anthrax;" books, reports, standards and specifications, bulletins, brochures, reprints.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and literature-searching services; lends films; permits onsite use of collections; makes interlibrary loans.

MASSACHUSETTS DEPARTMENT OF NATURAL RESOURCES

1074 100 Cambridge St.
Boston, Mass. 02202
Tel: (617) 727-3159

AREAS OF INTEREST: Natural resources of Massachusetts and its adjacent waters, including conservation, marine fisheries, law enforcement, water resources, forests and parks, mineral resources, water resources, and water pollution control.

HOLDINGS: Technical reports, certain legislative books and reports, annual reports of divisions of the Department.

PUBLICATIONS: Reports; handouts pertaining to recreational areas, marine fisheries matters, etc.

INFORMATION SERVICES: Answers inquiries; provides advisory services to duly constituted units falling within certain general categories; provides reference services.

Division of Forests and Parks

1075 Massachusetts Department of Natural Resources
100 Cambridge St.
Boston, Mass. 02114
Tel: (617) 727-3180

MASSACHUSETTS DEPARTMENT OF PUBLIC HEALTH

1079

AREAS OF INTEREST: Land and water management; recreation; construction of hydrologic features; dams; picnic areas, camping sites, trails, coastal beaches, skating rinks, swimming pools, and ski facilities; forestry; forest fires; landscapes; disease and insect control; environmental planning.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals.

Bureau of Insect Pest Control

1076 Division of Forests and Parks
Massachusetts Department of Natural Resources
100 Cambridge St.
Boston, Mass. 02202
Tel: (617) 727-3184

AREAS OF INTEREST: Forest and shade tree insect and disease control, including effects of pesticides on plants, animals, and humans; general shade tree problems; control of noxious weeds, including aquatic weeds; general entomology.

HOLDINGS: About 2,000 insect specimens, 5,000 bulletins, leaflets, and reprints, and 150 textbooks, reference books, etc.

PUBLICATIONS: Annual report.

INFORMATION SERVICES: Answers inquiries; makes referrals; reviews problems in the field; recommends control programs to individuals and municipalities.

MASSACHUSETTS DEPARTMENT OF PUBLIC HEALTH

1077 600 Washington St.
Boston, Mass. 02111
Tel: (617) 727-2700

AREAS OF INTEREST: Public health, including epidemiology and local health services; health education; communicable diseases; chronic diseases and cancer; environmental health; nursing; social work; medical care.

HOLDINGS: Motion picture library; public health library; exhibits, slides, photos, journals, technical reports, standards and specifications, project records, reviews, reprints, pamphlets, booklets, brochures, newsletters, bibliographies.

PUBLICATIONS: *This Week in Public Health*; pamphlets; management and employee newsletters.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; prepares analyses; permits onsite use of collections.

Facilities include a food and drug laboratory, microbiological laboratories, and a sanitary engineering laboratory.

Division of Alcoholism

1078 Massachusetts Department of Public Health
755 Boylston St.
Boston, Mass. 02116
Tel: (617) 536-6983

AREAS OF INTEREST: Alcohol, alcoholism, and drinking behavior, including socioeconomic factors.

HOLDINGS: The Division maintains a library of alcohol literature and collects data on alcoholism and patients treated at 20 outpatient clinics in the State. Case history information includes socioeconomic factors, and selected variables have been statistically summarized. In addition to case histories dating back to 1951, there are 200 books and monographs on alcoholism and 500 books on current, general social science. A set of the *Classified Abstract Archives of the Alcohol Literature* is maintained, and there is also a complete set of *The Quarterly Journal of Studies on Alcohol*.

INFORMATION SERVICES: Information is made available to the public, except for confidential information about patients. Visitors may have direct access to the collection; questions of a substantive nature are answered unless they require extensive research, and consultation on research is provided.

Division of Environmental Health

1079 Massachusetts Department of Public Health
600 Washington St., Room 320
Boston, Mass. 02111
Tel: (617) 727-2690

AREAS OF INTEREST: All aspects of sanitary engineering and environmental health; water supplies; air and water pollution control; community sanitation; water chemistry and bacteriology; industrial waste treatment and subsurface disposal; solid waste disposal; sanitary codes; pesticide usage; aquatic herbicide usage; radiological health; shellfish.

HOLDINGS: Community project reports and annual reports dating from 1886; books, periodicals, reprints, analyses.

INFORMATION SERVICES: Answers technical inquiries; makes referrals; advises municipal and other State agencies as appropriate; permits onsite use of reports and other public documents by special arrangement.

1080

Division of Food and Drugs

1080 Massachusetts Department of Public Health
600 Washington St.
Boston, Mass. 02111
Tel: (617) 727-2670

AREAS OF INTEREST: Chemical and bacteriological analysis of foods, drugs, cosmetics, and bedding for purity and safety; registration and labeling of pesticides and chemical identification of residues; label survey and chemical tests for identification of hazardous substances, bedding, and foods; identification of drugs, alcohol, and poisons for police departments in the Commonwealth; lead, mercury, and other heavy metal analysis in foods and materials.

HOLDINGS: 500 books; 150 periodical titles; 1,000 reports.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and field and laboratory investigational services.

Division of Health Statistics

1081 Massachusetts Department of Public Health
Lemuel Shattuck Hospital
170 Morton St.
Jamaica Plain
Boston, Mass. 02130
Tel: (617) 522-4600 Ext. 38

AREAS OF INTEREST: Statistical aspects of human cancer (incidence rates, survival data, epidemiological data); data processing of vital events in Massachusetts (births, deaths, marriages, divorces) and resulting studies, particularly with regard to health planning.

PUBLICATIONS: Tabulations, articles in medical journals.

INFORMATION SERVICES: Answers inquiries; makes referrals.

Pesticide Board

1082 Massachusetts Department of Public Health
600 Washington St., Room 770
Boston, Mass. 02112
Tel: (617) 727-2670

AREAS OF INTEREST: Pesticides, including effects on humans, wildlife, and domestic animals; pollution.

HOLDINGS: Over 250 reports; books, periodicals, reprints, Government publications, trade literature.

MASSACHUSETTS DEPARTMENT OF PUBLIC HEALTH

PUBLICATIONS: Reports, standards and specifications.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

MASSACHUSETTS DIVISION OF FISHERIES AND GAME

Fish and Game Field Headquarters Office

1083 Massachusetts Division of Fisheries and Game
Westboro, Mass. 01581
Tel: (617) 366-4479

AREAS OF INTEREST: Fish and wildlife biology and management.

HOLDINGS: A fisheries reference collection of about 9,000 items, including books, periodicals, and reports.

PUBLICATIONS: *Massachusetts Wildlife* (bimonthly); special publications issued irregularly; reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services; permits onsite use of collection.

MASSACHUSETTS HORTICULTURAL SOCIETY

1084 300 Massachusetts Ave.
Boston, Mass. 02115
Tel: (617) 536-9280
(617) 536-1720 (Library)

AREAS OF INTEREST: Horticulture; landscaping; botany.

HOLDINGS: 21,500 books; 14,000 journals; 32,000 trade catalogs; reports.

PUBLICATIONS: *Horticulture Magazine* (monthly); *Yearbook*.

INFORMATION SERVICES: Provides consulting and reference services; permits onsite use of literature collection; lends material to Society members.

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Numerous information resources exist within the M.I.T. community. Since these are subject to

frequent change, however, they may best be approached through any of the specialized libraries, all of which provide referral service. There are five principal libraries, one for each School, plus a number of smaller departmental libraries. The principal libraries are the Dewey Library of Economics, Political Science and Management; the Barker Library of Engineering; the Humanities Library; the Rotch Library of Architecture and Urban Studies; and the Science Library. Additional data relating to those principal libraries that are pertinent to the subject coverage of this Directory will be found below. The smaller departmental libraries are Aeronautics and Astronautics, Room 33-316, tel: (617) 864-6900 Ext. 5665; Chemistry, Room 18-490, Ext. 1891; Lindgren (geology, geophysics, meteorology, and oceanography), Room 54-200, Ext. 5679; Materials, Room 13-2137, Ext. 6840; Music, Room 14E-109, Ext. 5689; Physics, Room 26-152, Ext. 1791; and Space, Room 37-582, Ext. 3746. The libraries answer inquiries; provide consulting, reference, and duplication services; make interlibrary loans; and permit onsite use of their collections. Services are provided free to members of the M.I.T. community and several support plans, and to others for a fee.

Science Library

1085 Massachusetts Institute of Technology
77 Massachusetts Ave.
Cambridge, Mass. 02139

Location:

Room 14S-100
Tel: (617) 864-6900 Ext. 5685

AREAS OF INTEREST: Biology; chemical and nuclear engineering; chemistry; mathematics; metallurgy and ceramics; nutrition; physics.

HOLDINGS: Some 289,000 volumes, including a journal collection of nearly 1,600 titles; thousands of technical papers.

MATERNITY CENTER ASSOCIATION

1086 48 East 92d St.
New York, N.Y. 10028
Tel: (212) 369-7300

AREAS OF INTEREST: Maternity care; nurse-midwifery; prenatal parent education.

HOLDINGS: Reference library of about 2,000 books, periodicals, technical reports, motion pictures, slides, posters and other display materials, newsletters, reprints, publication lists, and pamphlets.

PUBLICATIONS: *Briefs* (monthly, except July and August); motion pictures, reports, books, critical reviews, pamphlets, leaflets, teaching aids.

INFORMATION SERVICES: Answers inquiries; provides consulting services; provides short lists of literature citations in response to specific inquiries; makes referrals; conducts classes for nurses and expectant parents; permits onsite use of collection by professionals, students, and writers by appointment.

MCLEAN PALEONTOLOGICAL LABORATORY

1087 P.O. Box 916
Alexandria, Va. 22313
Tel: (703) 768-4855

AREAS OF INTEREST: Paleontological, stratigraphic, and geological sciences in any phase where fossils, particularly foraminifera and ostracoda, are used; taxonomy, stratigraphy, ecology, and structural aspects of microfossils; mineralogy; salinity of ocean depths; data processing techniques.

HOLDINGS: A reference library of books, journals, reports, and data.

PUBLICATIONS: The *McLean Card Catalogue of American Foraminifera* and the *McLean Card Catalogue of Ostracoda* furnish media for the identification of fossil species and faunal assemblages from Cretaceous and Tertiary formations. Ecological data on Ostracoda are available in the *H.S. Puri Card Catalogue of Recent Ostracoda*. Both text and illustrations of described species are included in these catalogs, which may be obtained by subscription. Available for purchase are *Manual of Micropaleontological Techniques*; *Manual of Micropaleontological Stratigraphy*; *Reports from McLean Paleontological Laboratory*; and *Strata Data Bibliographic Reference File on Foraminifera/Ostracoda*.

INFORMATION SERVICES: Answers inquiries; provides literature-searching services; provides consulting services for fee; permits onsite use of collection by anyone with a serious interest in paleontology or stratigraphy.

MEAD JOHNSON AND CO.

1088 2404 Pennsylvania Ave.
Evansville, Ind. 47721
Tel: (812) 426-6000

AREAS OF INTEREST: Nutrition; pharmacology; toxicology; medicine; pharmaceutical and medicinal

1089

chemistry; synthetic organic chemistry; data processing; biochemistry; psychopharmacology; microbiology; cardiology; gastroenterology; pediatrics.

HOLDINGS: A library of books, journals, reports, and patents, including material in English, French, and German.

INFORMATION SERVICES: Use of the literature collection by nonemployees is determined by careful evaluation of each request.

MEALS FOR MILLIONS FOUNDATION

1089 P.O. Box 1666
Santa Monica, Calif. 90406

Location:

1800 Olympic Blvd.
Santa Monica, Calif.
Tel: (213) 870-0451 or 451-0777

A nonprofit organization, the Foundation distributes information on and samples of a multipurpose food developed by the California Institute of Technology to demonstrate to underdeveloped countries how their own unused materials can be utilized to correct diet deficiencies.

AREAS OF INTEREST: New foods; technology for processing human foods from unused materials.

HOLDINGS: A collection of experience reports on the use of multipurpose food by various hospitals, schools, leprosariums, and sanitariums.

PUBLICATIONS: Newsletter, pamphlets.

INFORMATION SERVICES: Provides reference and consulting services without charge; makes referrals; permits onsite use of collection by serious inquirers; disseminates pamphlets on request.

MEDIC ALERT FOUNDATION INTERNATIONAL

1090 1000 North Palm St.
Turlock, Calif. 95380
Tel: (209) 632-2371

The Foundation is a nonprofit organization dedicated to educating and encouraging individuals to wear on their person identification of any medical problems that should be known in an emergency and to urge physicians and other medical personnel to advise persons of the importance of wearing such identification at all times.

AREAS OF INTEREST: Emergency identification of medical problems.

MEALS FOR MILLIONS FOUNDATION

HOLDINGS: File of medical information and emergency data for each member; motion pictures, slides, newsletters, pamphlets.

PUBLICATIONS: Newsletters, posters, leaflets, booklets.

INFORMATION SERVICES: The Foundation provides to members a serially-numbered medic alert emblem that describes the medical problem or problems of the wearer and lists the telephone number of the central answering file where more detailed information is available.

MEDICAL AND CHIRURGICAL FACULTY OF THE STATE OF MARYLAND LIBRARY

1091 1211 Cathedral St.
Baltimore, Md. 21201
Tel: (301) 539-0872

AREAS OF INTEREST: All aspects of medicine and surgery, including internal medicine, ophthalmology, pathology, bacteriology, neurology, and dentistry; history of medicine, especially Maryland medical history.

HOLDINGS: Approximately 95,000 volumes, including many early editions; 600 current periodical titles; reports.

INFORMATION SERVICES: Answers inquiries; provides reference and literature-searching services; makes direct loans to members; makes interlibrary loans; permits onsite reference by public on restricted basis. Extensive services are provided only to members. Duplication facilities are available.

MEDICAL COLLEGE OF VIRGINIA

see Virginia Commonwealth University

MEDICAL-DENTAL COMMITTEE ON EVALUATION OF FLUORIDATION

1092 c/o Dr. A. A. London, National Secretary
433 Old Boonton Rd.
Boonton, N.J. 07005
Tel: (201) 334-1220

The Medical-Dental Committee on Evaluation of Fluoridation is also known as the National Medico-Dental Council for the Evaluation of Fluoridation. It is a voluntary organization of physi-

cians, dentists, and scientists formed to independently study the fluoridation issue.

AREAS OF INTEREST: Problems concerning the safety and effectiveness of fluoridation of public water supplies.

HOLDINGS: Reviews, reprints, pamphlets, news releases.

PUBLICATIONS: *A Statement on the Fluoridation of Public Water Supplies* (available on request).

INFORMATION SERVICES: Answers brief inquiries; provides short lists of literature citations in response to specific inquiries; prepares technical summaries; makes referrals.

MEDICAL LIBRARY CENTER OF NEW YORK

1093 17 East 102d St.
New York, N.Y. 10029
Tel: (212) 427-1630

The Medical Library Center of New York, a cooperative storage, acquisition, and information center for materials suitable for shared use, is sponsored by eleven New York metropolitan area medical institutions.

AREAS OF INTEREST: Health sciences; basic clinical sciences; biology; zoology; parasitology; veterinary medicine; dentistry.

HOLDINGS: Over 200,000 foreign medical dissertations; 20,000 books; 6,300 periodical titles; Union Catalog of Medical Periodicals for New York City, with 30,000 titles.

PUBLICATIONS: *Union Catalog of Medical Periodicals*; *Author Catalog of Monographs*.

INFORMATION SERVICES: Provides duplication services; makes referrals; makes interlibrary loans (a user's fee is charged to nonmembers inside the New York metropolitan area); permits onsite use of collection by appointment. Services are available to qualified health science personnel through their local libraries.

MEDICAL UNIVERSITY OF SOUTH CAROLINA

College of Pharmacy

Department of Biology and Pharmacognosy

1094 College of Pharmacy

Medical University of South Carolina
80 Barre St.
Charleston, S.C. 29401
Tel: (803) 792-3111

AREAS OF INTEREST: Pharmacognosy; poisonous plants; synthesis and biosynthesis natural products; marine chemistry.

PUBLICATIONS: Reports, articles, reviews.

INFORMATION SERVICES: Answers brief inquiries; provides consulting services to local physicians and industry.

Health Affairs Library

1095 Medical University of South Carolina
80 Barre St.
Charleston, S.C. 29401
Tel: (803) 723-9411 Ext. 585

AREAS OF INTEREST: Medicine; dentistry; pharmacy; nursing; allied health sciences; basic sciences; history of medicine.

HOLDINGS: 75,000 volumes; 1,940 periodical titles; reports.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and literature-searching services; provides duplication services for fee; makes referrals; lends materials; permits onsite use of collection. Services are available to qualified health practitioners.

South Carolina Community Pesticide Study

1096 Medical University of South Carolina
80 Barre St.
Charleston, S.C. 29401
Tel: (803) 792-2282

AREAS OF INTEREST: Long-term effects of pesticides (insecticides, fungicides, herbicides, rodenticides, nematocides) on humans, including epidemiology of the occupationally exposed, residues in tissues (including plasma), acute poisonings, amino acid studies of the exposed, other biochemistry of the exposed, environmental monitoring, and metabolism.

PUBLICATIONS: Quarterly and annual reports; numerous papers.

INFORMATION SERVICES: Answers inquiries pertaining to pesticides; provides consulting services and assists physicians in treatment of pesticide poisonings.

1097

**MEHARRY MEDICAL COLLEGE
ALUMNI LIBRARY**

1097 1005 18th Ave. North
Nashville, Tenn. 37208
Tel: (615) 256-3631 Ext. 248

AREAS OF INTEREST: Medicine; dentistry; psychiatry; neurology; pathology; surgery; pharmacology; biochemistry; nursing.

HOLDINGS: 5,000 books; 931 journal titles.

INFORMATION SERVICES: Provides duplication services; makes referrals; makes interlibrary loans. Services are primarily for health sciences personnel.

MELLON INSTITUTE

see Carnegie-Mellon University

**MEMPHIS AND SHELBY COUNTY
HEALTH DEPARTMENT**

1098 814 Jefferson Ave.
Memphis, Tenn. 38105
Tel: (901) 525-8631

AREAS OF INTEREST: Public health, including contamination of food and milk, fishkills, pollution, personal effects, and safety regulations; pesticides and herbicides as they pertain to accidental ingestion, contact, or inhalation.

HOLDINGS: Small collection of books.

PUBLICATIONS: Standards and specifications, reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

MENNINGER FOUNDATION

1099 P.O. Box 829
Topeka, Kans. 66601

Location:

3917 West 6th St.
Topeka, Kans.

Tel: (913) 234-9566

AREAS OF INTEREST: Psychiatry, psychology, and social work (teaching, treatment, prevention).

HOLDINGS: 28,000 bound volumes; 325 periodical titles.

PUBLICATIONS: *Bulletin of the Menninger Clinic*; *Perspectives*.

MEHARRY MEDICAL COLLEGE ALUMNI LIBRARY

INFORMATION SERVICES: Answers inquiries; provides consulting services for fee; permits onsite use of collection. Services are primarily for professional persons.

MERCER UNIVERSITY

Southern School of Pharmacy

H. Custer Naylor Library

1100 Southern School of Pharmacy
Mercer University
223 Walton St. NW.
Atlanta, Ga. 30303
Tel: (404) 523-2891

AREAS OF INTEREST: Pharmacy; pharmacology; toxicology; chemistry; biological sciences; medicine; cosmetics.

HOLDINGS: 7,000 books; 200 periodical titles; slides, films, microfilm, microfiche, Iowa Drug Information Service.

PUBLICATIONS: Accessions list (weekly, for internal use).

INFORMATION SERVICES: Answers inquiries; provides reference and duplication services; lends materials. Services are primarily for students and faculty of the School of Pharmacy and the pharmacists of Atlanta and Georgia, but are also provided to others with a legitimate need. The faculty provides consulting and advisory services on fee basis.

MERCK FOREST FOUNDATION, INC.

1101 P.O. Box 485
Manchester, Vt. 05254

Location:

Rupert, Vt.

Tel: (802) 362-1588

AREAS OF INTEREST: Forest land management and related subjects, such as wildlife and its problems, logging practices, and plantings; year around recreation.

INFORMATION SERVICES: Answers inquiries; permits onsite use of collection.

MERCK SHARP & DOHME RESEARCH LABORATORIES

Library Services, Rahway

1102 Merck Sharp & Dohme Research
Laboratories
Rahway, N.J. 07065
Tel: (201) 381-5000

AREAS OF INTEREST: Chemistry, biochemistry, and pharmacology of human and veterinary drugs; medicinal and industrial chemicals; preparation of fine chemicals.

HOLDINGS: Over 16,000 books; 18,300 bound journals; 450 journal subscriptions; over 21,000 patents; 300 reels of microfilm.

PUBLICATIONS: *The Merck Index* (issued every 5 to 8 years).

INFORMATION SERVICES: Makes interlibrary loans of books.

THE WM. S. MERRELL CO.

1103 110 East Amity Rd.
Cincinnati, Ohio 45215
Tel: (513) 821-3811

The Wm. S. Merrell Co. is a division of Richardson-Merrell Inc.

AREAS OF INTEREST: Organic and analytical chemistry; biochemistry; endocrinology; pathology; toxicology; pharmacology; microbiology; pharmaceutical research; medicine.

HOLDINGS: 15,000 books; 350 current periodicals; patents, reports, microfilm; Ringdoc, Farmdoc, CBAC.

INFORMATION SERVICES: Answers inquiries; makes interlibrary loans; permits onsite use of collection.

MIAMI SERPENTARIUM LABORATORIES

1104 12655 South Dixie Highway
Miami, Fla. 33156
Tel: (305) 235-5722

AREAS OF INTEREST: Venomous snakes; venoms and venom fractions; antivenoms.

HOLDINGS: Over 1,000 venomous snakes and lizards; 5,000 grams of lyophilized snake venoms from over 150 worldwide species; antivenoms from interna-

tional sources available for emergency use. A price list of venoms is available.

INFORMATION SERVICES: Answers inquiries; provides reference services; makes referrals; arranges demonstrations and lectures on venoms and related subjects.

MIAMI UNIVERSITY (OHIO)

Herbarium

1105 Miami University
Upham Hall
Oxford, Ohio 45056
Tel: (513) 523-2161 Ext. 259

AREAS OF INTEREST: Interests range from algae to angiosperms, with special emphasis on vascular plants and fungi of the midwestern United States.

HOLDINGS: 250,000 dried plant specimens.

INFORMATION SERVICES: Specimens are exchanged with other institutions on a worldwide basis and are available to researchers for loan or onsite use.

Zoology Museum

1106 Miami University
Upham Hall
Oxford, Ohio 45056
Tel: (513) 529-4617

AREAS OF INTEREST: Zoology.

HOLDINGS: Exhibits include typical animals from each class of the animal Phyla; collections of marine, freshwater, and land snails; mounted birds and mammals; and studies in comparative osteology and embryology.

INFORMATION SERVICES: The Museum is open to visitors. Exhibit materials are loaned to schools.

MICHAEL REESE HOSPITAL

Lillian W. Florsheim Memorial Library

1107 Michael Reese Hospital
2908 South Ellis Ave.
Chicago, Ill. 60616
Tel: (312) 791-2474

AREAS OF INTEREST: Medicine and surgery, including history of medicine; allergy; autopsy; nursing; pharmacology; anesthesiology; pathology; management and hospital administration.

1108

HOLDINGS: 22,500 volumes.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, literature-searching, and duplication services; makes referrals; makes inter-library loans.

MICHIGAN AGRICULTURAL EXPERIMENT STATION

see Michigan State University

MICHIGAN CANCER FOUNDATION

Institute for Cancer Research Division

Library

1108 Institute for Cancer Research Division
Michigan Cancer Foundation
4811 John R St.
Detroit, Mich. 48201
Tel: (313) 833-0710

AREAS OF INTEREST: Cancer; carcinogens, including cigarettes, dust, and fumes (absorption and habituation); analytical methods, including chromatography, electrophoresis, and electron microscopy.

HOLDINGS: 1,100 books; 130 periodical titles; reports.

PUBLICATIONS: Staff research is reported in various scientific journals.

INFORMATION SERVICES: Answers inquiries; provides reference, literature-searching, and duplication services; makes referrals; makes interlibrary loans. Extensive services are provided only to staff members.

MICHIGAN DEPARTMENT OF NATURAL RESOURCES

Fisheries Division

1109 Michigan Department of Natural Resources
Stevens T. Mason Bldg.
Lansing, Mich. 48926
Tel: (517) 373-1280

AREAS OF INTEREST: Fish management; conservation.

HOLDINGS: A reference collection of books, journals, technical reports, indexes, slides, maps, charts, newsletters, reprints, bibliographies, pamphlets, and data.

PUBLICATIONS: Information pamphlets.

MICHIGAN AGRICULTURAL EXPERIMENT STATION

INFORMATION SERVICES: Answers inquiries; provides consulting services; provides short lists of literature citations in response to specific inquiries; makes referrals; permits onsite use of collection.

Forestry Division

1110 Michigan Department of Natural Resources
Stevens T. Mason Bldg.
Lansing, Mich. 48926
Tel: (517) 373-1275

AREAS OF INTEREST: Forestry.

HOLDINGS: Small working collection of books, periodicals, and reports.

PUBLICATIONS: Pamphlets.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

Institute for Fisheries Research

1111 Michigan Department of Natural Resources
University Museums Annex
North University Ave.
Ann Arbor, Mich. 48104
Tel: (313) 663-3554

AREAS OF INTEREST: Physical and chemical features of Michigan's waters; sport fisheries of the State; biology; creel census; age and growth studies; fish and fish foods; ecology; water pollution; aquatic control.

HOLDINGS: Books, journals, reports, data.

PUBLICATIONS: Reports, journal articles, special studies, pamphlets. A *Catalog of Publications* is free on request.

INFORMATION SERVICES: Answers inquiries; provides consulting services on contract basis; permits onsite use of collection by approved visitors; makes materials available free to fisheries researchers in other states and countries on exchange basis; disseminates some publications free and others at cost.

Research and Development Division

1112 Michigan Department of Natural Resources
Stevens T. Mason Bldg., 7th Floor
Lansing, Mich. 48926
Tel: (517) 373-3750

AREAS OF INTEREST: Mammal, bird, and fish populations, especially those of concern in hunting, sport fishing, and commercial fishing; the dynamics of these populations in relation to habitat quality and to exploitation by hunters and fishermen; surveys of

MICHIGAN FORESTRY AND PARK ASSOCIATION

hunters and fishermen, their activities, their success, and the impact of their sport on general public welfare.

HOLDINGS: 9,500 specimens, including birds, mammalian skins, mammal eye lenses, deer ovaries, pathological specimens, deer and elk jaws, and herbarium sheets; 1,550 books; 2,740 technical reports; 3,750 periodicals; 1,950 newsletters; 7,500 reprints; 590 pamphlets; 1,300 press releases; 225 clippings; 572,500 punched cards; 1,470 graphs and tables; 63,500 magnetic tapes; 8,675 photos; 8,750 slides; 25,750 maps and charts.

PUBLICATIONS: Books, technical reports, articles in scientific journals, reprints, maps, charts (all for sale or by subscription). Publication lists are available.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting and reference services; provides duplication services for maps, charts, technical reports, and reprints; lends some materials; provides research knowledge to resource managers; permits onsite reference.

Facilities include laboratory equipment for pesticide analyses and general diagnostics on wildlife; Cusino Wildlife Research Station; Houghton Lake Wildlife Research Station; Rose Lake Wildlife Research Station; Game Pathology Laboratory; Institute for Fisheries Research; Marquette Fisheries Research Station; Hunt Creek Research Station; Pigeon River Research Station; and Hastings Fisheries Research Station.

Wildlife Division

1113 Michigan Department of Natural Resources
Stevens T. Mason Bldg.
Lansing, Mich. 48926
Tel: (517) 373-1263

AREAS OF INTEREST: Management of Michigan wildlife resources in relationship to present environmental conditions (basic plant and animal ecology, human ecology, future land use planning, environmental social problems, urban affairs, local governmental problems, economic pressures, etc.).

HOLDINGS: Library records of 2,675 Division technical reports and 165 information circulars; 1,500 books and journals; 5,000 individual reprints and pamphlets; 7 motion pictures; 3,000 slides; 100 maps and graphs.

PUBLICATIONS: Technical reports and informational circulars (approximately 30-60 a year); pamphlets and reprints (approximately 15-40 a year).

INFORMATION SERVICES: Answers wildlife-related inquiries; provides consulting services when financially able; permits onsite use of collection by qualified scientists and other selected personnel.

1116

MICHIGAN DEPARTMENT OF PUBLIC HEALTH

1114 3500 North Logan St.
Lansing, Mich. 48914
Tel: (517) 373-1360

AREAS OF INTEREST: Public health, including diagnostic and laboratory services, biologic products, nutrition, chronic and communicable diseases, dentistry, nursing, vital statistics, maternal and child health, bacteriology, and epidemiology.

HOLDINGS: 1,200 motion pictures; vital statistics and records dating back to 1867; photos, slides, microforms, books, periodicals, newsletters, pamphlets, posters, project records, graphs, data.

PUBLICATIONS: *Michigan's Health* (quarterly); *Michigan's Occupational Health* (quarterly); monographs issued irregularly; motion pictures, microforms, newsletters, pamphlets, graphs, tables.

INFORMATION SERVICES: Answers inquiries; provides consulting services; disseminates general public health information; prepares laboratory analyses; lends films.

Division of Biologic Products

Blood Derivatives Section

1115 Division of Biologic Products
Michigan Department of Public Health
3500 North Logan St.
Lansing, Mich. 48914
Tel: (517) 373-1360

AREAS OF INTEREST: Biochemical methods in the preparation of blood components from human blood, including assay and control procedures; development of blood derivatives for physical and chemical characterization and clinical evaluation.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Services are available to members of the scientific community.

MICHIGAN FORESTRY AND PARK ASSOCIATION

1116 c/o Mr. Gurdon K. Dennis, Executive
Secretary-Treasurer
1855 Globe Ave.
Westland, Mich. 48184
Tel: (313) 728-6299

1117

AREAS OF INTEREST: Forestry, parks and park administration, and related subjects, such as entomology, botany, horticulture, and biology.

PUBLICATIONS: *Michigan Forestry and Park Association Newsletter* (bimonthly); conference proceedings (annual).

INFORMATION SERVICES: Provides consulting services; makes referrals.

MICHIGAN STATE PHARMACEUTICAL ASSOCIATION

1117 1812 Michigan National Tower
Lansing, Mich. 48933
Tel: (517) 484-1466

AREAS OF INTEREST: Pharmaceutical product and legal information.

HOLDINGS: 110 books; 2,400 journals; 5,500 reports; films, photos.

PUBLICATIONS: *Michigan Pharmacist* (monthly).

INFORMATION SERVICES: Provides consulting and reference services, primarily to members.

MICHIGAN STATE UNIVERSITY

Department of Fisheries and Wildlife

1118 Michigan State University
Natural Resources Bldg.
East Lansing, Mich. 48823
Tel: (517) 355-4477

AREAS OF INTEREST: Fish and wildlife management, including population dynamics; ecology; physiology; fishkills; pollution; pesticides; herbicides; food poisoning.

HOLDINGS: 300 specimens of Michigan fish and game; 10,000 photos; 1,000 books; 100 periodicals; reprints, pamphlets, clippings, newsletters, abstracts, data compilations.

PUBLICATIONS: Technical reports, reprints, news releases.

INFORMATION SERVICES: Answers inquiries; provides consulting services; provides limited identification of wild animals and their parasites; makes referrals; permits onsite use of collections. Services are free to Michigan residents.

MICHIGAN STATE PHARMACEUTICAL ASSOCIATION

Department of Food Science and Human Nutrition

1119 Michigan State University
Food Science Bldg.
East Lansing, Mich. 48823
Tel: (517) 355-8474

AREAS OF INTEREST: Food chemistry; food microbiology; food engineering; processing of dairy, meat, poultry, and fishery products, cereals, fruits, vegetables, and beverages.

HOLDINGS: Small collection of books.

PUBLICATIONS: Books, scientific papers in professional journals.

INFORMATION SERVICES: Answers inquiries and provides advisory services free. Consulting services are provided to out-of-State companies by individual staff members on fee basis.

Department of Pathology

1120 Michigan State University
East Lansing, Mich. 48823
Tel: (517) 355-6504 or 353-1683

AREAS OF INTEREST: Veterinary and human pathology, including diagnosis and research; clinical and diagnostic toxicology.

HOLDINGS: Reprints of staff articles, data, slides from cases of toxicosis.

PUBLICATIONS: Books and journal articles by faculty.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; performs necropsy and laboratory diagnoses, particularly of animals, for minimal fees. Services are primarily for medical personnel.

Institute of Water Research

1121 Michigan State University
East Lansing, Mich. 48823
Tel: (517) 353-3742

AREAS OF INTEREST: Research in water resource areas of biology, engineering, geology, soils, chemistry, and economics. (The Institute is primarily a research coordinating agency.)

HOLDINGS: A specialized library in the water resources field. The Institute also uses the collections of the University Library, which has extensive lists related to all phases of water resources studies.

PUBLICATIONS: Special research publications, annual report. Research results are published in scientific journals and bulletins (copies of papers may be obtained from individual investigators).

INFORMATION SERVICES: Answers inquiries about the Institute's activities; makes referrals; provides consulting services.

Special equipment and facilities are housed in the academic departments involved and include rain-gage networks, laboratory experimental facilities for aquatic research, a waste disposal plant, river, lake, and field research facilities, electrical analogs, an automated meteorological data-acquisition system for microclimatology studies, the University computing and data collection systems, a rain-gage network in a small watershed, facilities for tertiary treatment of wastes, and multiparameter water quality instrumentation.

Michigan Agricultural Experiment Station

1122 Michigan State University
East Lansing, Mich. 48823
Tel: (517) 355-0123

AREAS OF INTEREST: General agriculture; storing, processing, handling, and distribution of farm products; agricultural economics; food technology; plant and crop breeding; plant diseases; weed control; insect control; crop production; soil management; forestry; animal husbandry; poultry; dairy industry; veterinary sciences; fish and wildlife; cancer; rural sociology; forest products; packaging; resource development; rural development; environmental quality; animal waste utilization; home economics.

HOLDINGS: Literature collection on the above subjects.

PUBLICATIONS: Science in Action Series; research bulletins and reports.

INFORMATION SERVICES: Answers inquiries.

MICHIGAN TECHNOLOGICAL UNIVERSITY

Ford Forestry Center

1123 Michigan Technological University
L'Anse, Mich. 49946
Tel: (906) 524-3236

AREAS OF INTEREST: Forestry; forest soils; forest economics; forest management; primary processing of felled wood products; sawmill operation; logging; lumber grading; forest inventory; aerial interpretation; Northern forest types.

HOLDINGS: Journals, reports, data.

PUBLICATIONS: *Ford Forestry Center Bulletins* and *Ford Forestry Center Research Notes* (both free).

INFORMATION SERVICES: Answers inquiries; provides consulting services; lends documents; permits onsite use of collection.

MICROBIOLOGICAL ASSOCIATES, INC.

1124 4733 Bethesda Ave.
Bethesda, Md. 20014
Tel: (301) 654-3400

AREAS OF INTEREST: Tissue culture; virology; fluorescent antibodies; immunology; laboratory animals.

HOLDINGS: 600 virus-cell cultures; 300 tumor specimens; 500 technical reports; 600 photos; 700 slides; data compilations, project records, journals, standards and specifications, reprints, pamphlets, reviews.

INFORMATION SERVICES: Answers inquiries; provides consulting and laboratory testing services; makes referrals; lends some materials. Eligibility for services is determined on an individual basis.

MIDDLEBURY COLLEGE

Department of Biology

Mormoniella Stock Center

1125 Department of Biology
Middlebury College
Middlebury, Vt. 05753
Tel: (802) 388-2802

The Center is supported by the National Science Foundation.

AREAS OF INTEREST: The culture and use of the parasitic wasp *Mormoniella vitripennis* for teaching and research.

HOLDINGS: Stocks of *Mormoniella vitripennis*.

PUBLICATIONS: Culture directions, lists and descriptions of stocks, bibliography.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; sends various wild type and mutant stocks of the *Mormoniella vitripennis* on request, at no charge.

1126

MIDWEST RESEARCH INSTITUTE

1126 425 Volker Blvd.
Kansas City, Mo. 64110
Tel: (816) 561-0202

AREAS OF INTEREST: Chemical engineering; combustion research; energy conversion research; isolation and synthesis of biologically-active compounds; chemistry, including inorganic, organic, physical, polymer, solid state, surface, industrial, and biochemistry; microbiology; physiology; pharmacology; toxicology; electromagnetic wave radiation and propagation; engineering mechanics; information retrieval; radio-frequency compatibility; simulation devices; solid state devices; applied mathematics; management systems; operations research; statistics; advanced technology; market research; regional economics; water and air pollution; applied research on materials, including metal physics, yield and fracture of materials, fatigue of metals, composite materials, stress corrosion cracking, dispersion-hardened alloy systems, metallography, fractography, electron microscopy, and X-ray analysis; aerospace science and technology; reliability; biomedical engineering; research on analytical methods for pesticides, in formulations and as residues in all types of samples, including foodstuffs, soils, air, water, vegetation, and tissues.

HOLDINGS: 7,000 books; 800 periodical titles; 8,000 reports. The Institute is situated adjacent to the Linda Hall Library and has access also to that Library's holdings, which are described elsewhere in this directory.

PUBLICATIONS: Books, reports, bibliographies, periodicals, abstracts, indexes, directories.

INFORMATION SERVICES: Answers brief inquiries; makes referrals; provides consulting, reference, and literature-searching services; permits onsite reference; makes interlibrary loans.

The Institute has extensive laboratory facilities.

Environmental Pollution Center

1127 Midwest Research Institute
425 Volker Blvd.
Kansas City, Mo. 64110
Tel: (816) 561-0202

AREAS OF INTEREST: All aspects of air and water pollution, water resources research, and solid waste disposal.

MIDWEST RESEARCH INSTITUTE

INFORMATION SERVICES: Answers brief inquiries; provides consulting, reference, and literature-searching services on contract basis; makes referrals.

MIDWESTERN UNIVERSITY

Department of Biology

1128 Midwestern University
Wichita Falls, Tex. 76308
Tel: (817) 692-6611 Ext. 253

AREAS OF INTEREST: Biological aspects of rattlesnake venoms; isolation of venom neurotoxins; human salivary glands and their secretions; calcium metabolism in mice.

PUBLICATIONS: Scientific publications in international journals.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Services are provided to toxicologists, medical and dental schools, science departments of other universities, and biochemists.

MILES LABORATORIES INC. LIBRARY

1129 1127 Myrtle St.
Elkhart, Ind. 46514
Tel: (219) 264-8341

AREAS OF INTEREST: Chemistry; medical sciences; pharmacy; chemical technology; biomedical instrumentation; pharmaceutical manufacture and trade; engineering; all aspects of business administration.

HOLDINGS: 25,500 books; 18,500 journals; subject files of clippings, reports, pamphlets, and advertisements related to the pharmaceutical trade; films, patents.

PUBLICATIONS: Accessions list, bibliographies.

INFORMATION SERVICES: Provides reference services; makes interlibrary loans; permits onsite use of collection.

Facilities include a microfilm reader-printer.

MILIEU INFORMATION SERVICE

1130 85 North 1st St.
San Jose, Calif. 95113
Tel: (408) 287-4071

AREAS OF INTEREST: Application of environmental sciences to human problems in the areas of research, education, services, and publications.

MILWAUKEE PUBLIC MUSEUM

HOLDINGS: 5,000 books; 50 periodical titles; 1,000 reports; slides, motion pictures, photos, instrumentation.

PUBLICATIONS: *MIS Quarterly*; reports, directories, reprints, abstracts, books. A publications list is available.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and literature-searching services; distributes audiovisual materials; arranges environmental conferences for groups; provides speakers. Services are provided at cost to nonmembers.

MILITARY ENTOMOLOGY INFORMATION SERVICE

see Defense, Department of

MILK INDUSTRY FOUNDATION

1131 910 17th St. NW.
Washington, D.C. 20006
Tel: (202) 296-4250

AREAS OF INTEREST: Fresh milk and fresh milk products such as whole milk, lowfat milk, skim milk, buttermilk, chocolate milk, other flavored fluid milk products, cream, cottage cheese, and yogurt; laws; standards; industry information and analysis.

PUBLICATIONS: Special research projects, monographs, and other publications issued irregularly.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals.

MILTON HELPERN LIBRARY OF LEGAL MEDICINE

1132 520 First Ave.
New York, N.Y. 10016
Tel: (212) 679-4590, 684-1600, or 686-6516

AREAS OF INTEREST: Legal medicine; medical jurisprudence; pathology; medicine; forensics; medical laws and legislation; forensic odontology.

HOLDINGS: 2,330 books; 225 periodical titles; microfilm.

PUBLICATIONS: *International Microform Journal of Legal Medicine* (quarterly, available in both microfilm and microfiche).

1135

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; permits onsite use of collection.

MILWAUKEE ACADEMY OF MEDICINE LIBRARY

1133 561 North 15th St.
Milwaukee, Wis. 53233
Tel: (414) 272-6160

AREAS OF INTEREST: Medical sciences.

HOLDINGS: 1,000 historical books; medical reference sets, including *Index Medicus* and the *Index Catalogue of the Surgeon General's Office*.

INFORMATION SERVICES: Provides reference and literature-searching services; permits onsite use of collection.

MILWAUKEE HEALTH DEPARTMENT

1134 841 North Broadway
Milwaukee, Wis. 53202
Tel: (414) 276-3711

AREAS OF INTEREST: Public health; botulism, especially its association with fish and fish food products.

HOLDINGS: Extensive reprint collection.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Extensive services are provided to scientists, governmental, and medical personnel only.

MILWAUKEE PUBLIC MUSEUM

1135 800 West Wells St.
Milwaukee, Wis. 53233
Tel: (414) 271-6810

AREAS OF INTEREST: Biological sciences; anthropology and ethnology; geology; history; paleontology; archeology; museology.

HOLDINGS: 231,000 zoological, botanical, anthropological, and geological specimens; 300,000 photographs; 75,000 books; 1,000 periodical titles; over 1,000 maps; reports.

PUBLICATIONS: *Publications in Anthropology* (12 volumes); *Publications in History* (9 volumes); *Publications in Museology* (3 volumes); *Primitive Art Series* (3 volumes); *Popular Science Handbook Series* (12 volumes); *Publications in Geology* (1 volume);

1136

Publications in Botany (3 volumes); *Publications in Ornithology* (2 volumes); *Lore Leaflets* (11 volumes).

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and literature-searching services; identifies objects; lends published materials. Exhibits are open to the public, and scholars may have access to other parts of the collection by appointment. Documents and artifacts in the collection are photocopied or photographed upon request.

MINE SAFETY APPLIANCES CO. LIBRARY

1136 100 North Braddock Ave.
Pittsburgh, Pa. 15208
Tel: (412) 241-5900

AREAS OF INTEREST: Industrial hygiene and safety, including resuscitators, gas masks, respirators, safety clothing, and head, face, and eye protection; mine hygiene safety, including mine lighting system, audio and video communication, and hazard control appliances (mine dust collectors, fire fighting apparatus, mine ventilation); explosives; stream analyzers; space capsule atmosphere (instrumentation); sound and noise (measurement control); filters; purifiers; exhaust gases.

HOLDINGS: 8,000 books; 2,000 bound volumes of periodicals; 5,000 reports.

PUBLICATIONS: *Recent Accessions* (monthly).

INFORMATION SERVICES: Makes interlibrary loans.

MINNEAPOLIS PUBLIC LIBRARY

Science and Technology Department

1137 Minneapolis Public Library
300 Nicollet Mall
Minneapolis, Minn. 55401
Tel: (612) 372-6552

AREAS OF INTEREST: Pure and applied sciences.

HOLDINGS: 82,500 books; 400 periodical titles; 65 drawers of pamphlets and other vertical file material. The Library is a depository for U.S. and State Government documents.

PUBLICATIONS: Booklists, brochures.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides reference services; provides duplication services for fee; makes interlibrary loans.

MINE SAFETY APPLIANCES CO. LIBRARY

MINNESOTA ACADEMY OF SCIENCE

1138 3100 38th Ave. South
Minneapolis, Minn. 55406
Tel: (612) 721-3391

AREAS OF INTEREST: Physical and biological sciences.

PUBLICATIONS: *Journal of the Minnesota Academy of Science*.

INFORMATION SERVICES: Makes referrals to Academy members who are knowledgeable in the area of concern; provides reference services. The Academy does not handle inquiries of a general nature.

MINNESOTA AGRICULTURAL EXPERIMENT STATION

see University of Minnesota

MINNESOTA DEPARTMENT OF CONSERVATION

Division of Game and Fish

1139 Minnesota Department of Conservation
390 Centennial Bldg.
St. Paul, Minn. 55101
Tel: (612) 221-2835

AREAS OF INTEREST: Game and fisheries research and management; water chemistry; limnology; wild rice; waterfowl habitat; algae and aquatic plant control; pollution; Lake Superior; aquatic herbicides; effects of insecticides on wildlife; piscicides.

HOLDINGS: Extensive reference library, fish and game research reports, lake and stream surveys, reprints.

PUBLICATIONS: Technical bulletins on waterfowl, reports on fisheries research, special reports, reprints.

INFORMATION SERVICES: Answers inquiries; provides consulting services; permits onsite use of collections.

MINNESOTA DEPARTMENT OF HEALTH

Division of Environmental Health

1140 State Department of Health
717 Delaware St. SE.
Minneapolis, Minn. 55440
Tel: (612) 378-1150

MISSISSIPPI GAME AND FISH COMMISSION

1145

AREAS OF INTEREST: Water supply and treatment; health aspects of quality of lakes and rivers; health aspects of sewage and industrial waste; toxicology; industrial hygiene; ionizing radiation and radioactive materials in the environment; migrant housing, mobile home parks, hotels, resorts, and restaurants; plumbing and swimming pool standards.

HOLDINGS: Data collections on Division analyses.

PUBLICATIONS: Bulletins, pamphlets, reports.

INFORMATION SERVICES: Answers brief inquiries, but does not make available special data compilations; makes referrals; provides consulting services.

Library

1141 Minnesota Department of Health
717 Delaware St. SE.
Minneapolis, Minn. 55440
Tel: (612) 378-1150 Ext. 240

AREAS OF INTEREST: Public health.

HOLDINGS: 23,800 bound volumes; 208 journal subscriptions.

PUBLICATIONS: Current-awareness service (weekly).

INFORMATION SERVICES: Provides reference services; provides duplication of journal articles free to Minnesota public health workers outside the Twin Cities who do not have access to the journals locally; permits onsite use of collection. Services are available to professional public health workers and students in Minnesota, and to others by permission.

MINNESOTA POLLUTION CONTROL AGENCY

1142 State Board of Health Bldg.
University of Minnesota Campus
Minneapolis, Minn. 55440
Tel: (612) 378-1320

AREAS OF INTEREST: Water pollution, water quality, water use, air quality, solid waste, related land use planning, and waste treatment in Minnesota.

HOLDINGS: Films, photos, slides, project reports, maps, charts, published literature.

PUBLICATIONS: *Pollution Control News* (monthly); annual inventory of municipal wastewater disposal plants; monthly, quarterly, and annual reports; special investigation reports; news releases.

INFORMATION SERVICES: Answers inquiries, with priority to those from Minnesota residents; makes

referrals; lends films illustrating pollution control work; permits onsite reference.

MINNESOTA STATE LIVESTOCK SANITARY BOARD

1143 555 Wabasha St.
St. Paul, Minn. 55102
Tel: (612) 221-2741

AREAS OF INTEREST: Livestock and poultry disease control and eradication; brand registration; registration of dog kennels.

PUBLICATIONS: Monthly newsletter, annual report.

INFORMATION SERVICES: Answers inquiries.

MINNESOTA STATE MEDICAL ASSOCIATION

1144 375 Jackson St.
St. Paul, Minn. 55101
Tel: (612) 222-6366

AREAS OF INTEREST: Medicine and health.

HOLDINGS: A collection of newspaper clippings relating to health matters.

PUBLICATIONS: *Minnesota Medicine* (monthly); indexes, newsletters, reprints, leaflets, news releases.

INFORMATION SERVICES: Answers brief, simple health questions, but no diagnoses are made; permits onsite reference to clipping file and back issues of *Minnesota Medicine*.

MISSISSIPPI AGRICULTURAL EXPERIMENT STATION

see Mississippi State University

MISSISSIPPI GAME AND FISH COMMISSION

1145 P.O. Box 451
Jackson, Miss. 39205

Location:

201 North Lamar St.
Jackson, Miss.

Tel: (601) 354-7324

AREAS OF INTEREST: Fish and wildlife conservation and management in Mississippi; stream pollution;

1146

chemical analysis of water; sport fishing and hunting; pesticide analysis; fishkills.

HOLDINGS: 2,200 game and fish specimens; 600 photos; 900 slides; 20 films; 200 maps and charts; 700 books; 700 periodicals; 200,000 pamphlets; 100 data compilations; 130 technical reports; 500 reprints; 4,500 clippings; project records, newsletters, posters, standards and specifications, press releases.

PUBLICATIONS: *Mississippi Game and Fish* (bimonthly); biennial report; books, pamphlets, films, photos, slides, maps and charts, technical reports, reprints, press releases.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting and limited literature-searching services; provides chemical analyses in connection with stream pollution studies; lends materials; permits onsite use of collection.

MISSISSIPPI MUSEUM OF NATURAL SCIENCE

1146 111 North Jefferson St.
Jackson, Miss. 39202
Tel: (601) 354-7303

AREAS OF INTEREST: Mississippi wildlife exhibits, specializing in the vertebrates.

HOLDINGS: 24,300 specimens, including birds, mammals, reptiles, fish, amphibians, and invertebrates; a library of 650 volumes, numerous pamphlets and periodicals, and technical reports.

PUBLICATIONS: Books and technical bulletins. A publications list is available.

INFORMATION SERVICES: Answers inquiries; identifies specimens; conducts free educational lecture tours for organized groups; presents a course of study for all school grades; disseminates leaflets for children of all grade levels; permits onsite use of collections.

MISSISSIPPI STATE BOARD OF HEALTH

1147 P.O. Box 1700
Jackson, Miss. 39205

Location:

2423 North State St.
Jackson, Miss.

Tel: (601) 354-6646
(601) 354-6614 (Library)

MISSISSIPPI MUSEUM OF NATURAL SCIENCE

AREAS OF INTEREST: Medicine; public health; dentistry; nursing; nutrition and dietetics; laboratory technology; sanitary engineering; social sciences; Mississippi medical and public health history.

HOLDINGS: A library of 18,300 books and 250 journal subscriptions. Among the bibliographical tools available are the *Index Catalogue of the Surgeon General's Office* (series I-IV), 1880-1948, and *Index Medicus*.

PUBLICATIONS: Biennial report.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; prepares laboratory analyses. In addition, the library provides reference services, provides duplication services for a fee, makes direct and interlibrary loans, and permits onsite use of its collections.

MISSISSIPPI STATE MEDICAL ASSOCIATION

1148 P.O. Box 4606
Jackson, Miss. 39216

Location:

735 Riverside Dr.
Jackson, Miss.

Tel: (601) 354-5433

AREAS OF INTEREST: Medicine and medical sciences; medical organizations in Mississippi; socioeconomic aspects of medicine in Mississippi.

HOLDINGS: Books, journals, reports, films, photographs, data.

PUBLICATIONS: *Journal of the Mississippi State Medical Association* (monthly); *Directory of the Mississippi State Medical Association* (annual with monthly supplements); special socioeconomic studies relating to medical care; conference proceedings, indexes, bibliographies.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services.

MISSISSIPPI STATE UNIVERSITY

Department of Zoology

1149 Mississippi State University
P.O. Drawer Z
State College, Miss. 39762
Tel: (601) 323-4321 Ext. 305

AREAS OF INTEREST: Zoology; vertebrate pesticide resistance; insecticides; fish and fishkills; pollution; bioassay; chromatography; food chains; residues.

MISSOURI DEPARTMENT OF CONSERVATION

1153

HOLDINGS: 150 periodical titles; books, reports.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services; distributes reprints. Services are provided free if of a limited nature.

Mississippi Agricultural Experiment Station

1150 Mississippi State University
State College, Miss. 39762
Tel: (601) 323-4321 Ext. 233

AREAS OF INTEREST: General agriculture; forestry; home economics; social sciences; livestock management, feeding, and breeding; control of weeds, diseases, insects, and parasites; soil sciences; crop breeding, fertilization, and management.

PUBLICATIONS: *Mississippi Farm Research* (monthly); technical reports, conference proceedings. A publications list is available.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services.

Branch stations are located as follows: Black Belt Branch, Brooksville, Miss.; Brown Loam Branch, Raymond, Miss.; Coastal Plain Branch, Newton, Miss.; Delta Branch, Stoneville, Miss.; North Mississippi Branch, Holly Springs, Miss.; Northeast Mississippi Branch, Verona, Miss.; Pontotoc Ridge-Flatwoods Branch, Pontotoc, Miss.; South Mississippi Branch, Poplarville, Miss.; Truck Crops Branch, Crystal Springs, Miss.

MISSOURI AGRICULTURAL EXPERIMENT STATION

see University of Missouri at Columbia

MISSOURI BOTANICAL GARDEN LIBRARY

1151 2315 Tower Grove Ave.
St. Louis, Mo. 63110
Tel: (314) 865-0440

AREAS OF INTEREST: Descriptive and systematic botany; plant geography and ecology; horticulture; botanical illustration; botanical history; pharmacology; pharmacognosy; botany of pharmacy.

HOLDINGS: 65,000 books and bound periodicals; 1,411 current periodical subscriptions; 4,500 microfiche; 76,000 reprints and preprints; 2,100 abstracts; 220 bibliographies; 4,000 letters. The as-

sociated herbarium has over 2.5 million plant specimens.

PUBLICATIONS: *Annals of the Missouri Botanical Garden* (3 issues a year); *Missouri Botanical Garden Bulletin* (6 issues a year).

INFORMATION SERVICES: Answers inquiries; provides reference, consulting, literature-searching, and duplication services; makes referrals; makes limited interlibrary loans; permits onsite reference. Extensive services are provided only to the staff and graduate students of local universities and visiting botanists.

MISSOURI COOPERATIVE FISHERY UNIT

1152 Stephens Hall
University of Missouri
Columbia, Mo. 65201
Tel: (314) 449-8276

AREAS OF INTEREST: Fishery biology and management, including fish culture, age, and growth; holostei; limnology, including farm ponds; reservoir ecology; water pollution, especially from acid mine drainage in strip mine lakes; effects of pesticides on aquatic biota; electrofishing.

HOLDINGS: Slides, maps, charts, reports, reprints.

PUBLICATIONS: Reprints.

INFORMATION SERVICES: Answers brief inquiries; provides consulting services; makes referrals.

MISSOURI DEPARTMENT OF CONSERVATION

1153 P.O. Box 180
Jefferson City, Mo. 65101
Tel: (314) 893-2626

AREAS OF INTEREST: Fisheries management, including water quality control, aquatic weed control, aquatic ecology, fish populations, life history of fishes, limnology, public use of areas, water resource planning, water legislation, reservoir construction, stream access development, stream habitat improvement, and fish culture; game management, including wildlife research, wildlife ecology, population dynamics, epizootic diseases, nutrition, physiological effects of pesticides, wildlife management, hunting season administration, habitat manipulation, and land management; State forestry programs, including fire protection, management of forest lands,

utilization and marketing of forest products, reforestation, and identification and control of forest insects and diseases; game and fish management on privately-owned lands and waters; local and regional resource developments, especially water and recreational resources; use of aircraft and high- and low-band radio in wildlife and forestry management.

HOLDINGS: Books, periodicals, project records, motion pictures, slides, reprints, preprints, abstracts, indexes, reports, newsletters, bibliographies, pamphlets, graphs, tables, clippings, data.

PUBLICATIONS: *Missouri Conservationist* (monthly); annual report, news releases, bulletins, regulations and reports.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services; makes educational programs available to schools and special groups.

MONELL CHEMICAL SENSES CENTER

see University of Pennsylvania

MONROE COUNTY (N.Y.) CITY AND COUNTY PUBLIC SAFETY LABORATORY

1154 Public Safety Bldg., Room 524
150 Plymouth Ave. South
Rochester, N.Y. 14614
Tel: (716) 454-3438

AREAS OF INTEREST: General criminalistics; laboratory methodology; narcotics; drug abuse; household chemicals.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; provides reference and consulting services; furnishes laboratory analyses.

MONROE COUNTY (N.Y.) DEPARTMENT OF PARKS

1155 375 Westfall Rd.
Rochester, N.Y. 14620
Tel: (716) 244-4640

AREAS OF INTEREST: Horticulture; control of plant diseases and insects; outdoor recreation; conservation and conservation education.

HOLDINGS: 5,000 plant specimens; 2,000 books; 200 journals; 1,300 photos; 3,500 slides; 300 standards and specifications; 250 pamphlets; 275 plant lists; maps, seed exchange lists.

PUBLICATIONS: Plant lists, seed exchange lists, annual report.

INFORMATION SERVICES: Answers inquiries; provides consulting services; identifies plants and insects; makes referrals; performs analyses; conducts clinics; permits onsite use of collection.

MONTANA AGRICULTURAL EXPERIMENT STATION

see Montana State University

MONTANA COOPERATIVE WILDLIFE RESEARCH UNIT

1156 Health Sciences Bldg.
University of Montana
Missoula, Mont. 59801
Tel: (406) 243-5372

The Montana Cooperative Wildlife Research Unit is sponsored by the University of Montana, the Montana Fish and Game Commission, the Bureau of Sport Fisheries and Wildlife, and the Wildlife Management Institute.

AREAS OF INTEREST: Wildlife ecology and management; conservation; game tracking.

HOLDINGS: 350 specimens of skulls and other bone structures; 4,000 data compilations; 7 motion pictures; project records, technical reports, reprints.

PUBLICATIONS: Research reports (quarterly).

INFORMATION SERVICES: Answers inquiries; provides reference, consulting, and conservation-oriented research and extension services; permits onsite use of collections.

MONTANA DEPARTMENT OF HEALTH AND ENVIRONMENTAL SCIENCES

1157 Cogswell Bldg.
Helena, Mont. 59601
Tel: (406) 449-2544 (Executive Office)

AREAS OF INTEREST: Public health in Montana; maternal and child health; cleft lip and cleft palate;

cerebral palsy; handicapped children; dental health; disease control; communicable and chronic diseases; tuberculosis; venereal disease; cancer; heart disease; occupational health; environmental sanitation; air and water pollution; general sanitation; food and drug control; hospital facilities; public health nursing; health records and statistics; mental health; alcoholism; Indian health; health education; safety; radiological health.

PUBLICATIONS: *Treasure State Health* (monthly bulletin); monthly newsletter for professional and lay readers; reports, directories, pamphlets, booklets, standards and specifications, books.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals.

Division of Environmental Sanitation

1158 Montana Department of Health and
Environmental Sciences
Cogswell Bldg.
Helena, Mont. 59601
Tel: (406) 449-2406

AREAS OF INTEREST: Environmental sanitation in the State, including public water supplies, water and sewage treatment, and stream pollution abatement; standards for waste disposal; stream criteria; solid waste disposal.

HOLDINGS: A library of research data and published literature. The Division also maintains a collection of water samples from all municipal water supplies in the State.

INFORMATION SERVICES: Answers inquiries; makes referrals.

Division of Public Health Education

1159 Montana Department of Health and
Environmental Sciences
Cogswell Bldg.
Helena, Mont. 59601
Tel: (406) 449-3444

AREAS OF INTEREST: Public health education in Montana.

HOLDINGS: The Division is responsible for the Department's library of books, periodicals, films, and filmstrips. Other holdings include vital statistics, photos, slides, technical reports, project records, maps and charts, graphs, standards and specifications, reviews, pamphlets, clippings, press releases, and posters.

INFORMATION SERVICES: Answers inquiries; provides reference and literature-searching services; lends books and films free to State residents; permits onsite use of literature collection.

MONTANA FISH AND GAME DEPARTMENT

Information and Education Division

1160 Montana Fish and Game Department
Helena, Mont. 59601
Tel: (406) 449-2535

AREAS OF INTEREST: Fish and game management; furbearers; game birds; water pollution; fish; pesticides as they may affect the total environment; land use as it affects fish and game; State parks and recreational areas; hunter and boater safety.

HOLDINGS: Data, motion pictures, photos, slides, maps and charts, technical reports, journals, newsletters, reprints, publication lists, pamphlets.

PUBLICATIONS: *Montana Outdoors* (bimonthly); newsletters, reprints, pamphlets, technical bulletins, regulations.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides limited consulting services.

MONTANA INDUSTRIAL ACCIDENT BOARD

1161 815 Front St.
Helena, Mont. 59601
Tel: (406) 449-2047

AREAS OF INTEREST: Laws and regulations and their administration for industrial accidents in Montana, including workman's compensation, silicosis, and other occupational diseases.

PUBLICATIONS: Reviews, annual report.

INFORMATION SERVICES: Answers inquiries.

MONTANA STATE UNIVERSITY

Montana Agricultural Experiment Station

1162 Montana State University
Bozeman, Mont. 59715
Tel: (406) 587-3121

AREAS OF INTEREST: General agriculture; agricultural economics; agricultural engineering; rural sociology; agronomy; soils; animal sciences; range management; bacteriology; chemistry; climatology; home economics; recreation area management; plant pathology; veterinary science; zoology; entomology; biomedical photography; mined land and roadside revegetation; genetics; wildlife; environment.

HOLDINGS: Reports, journals, films, photos, brochures, data.

PUBLICATIONS: *Now* (quarterly review journal); reports, index, directory, research bulletins.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services; permits onsite reference; provides soil analyses, fertilizer recommendations, grain inspection, and chemical analyses for fee.

MONTEFIORE HOSPITAL AND MEDICAL CENTER

Medical Library

1163 Montefiore Hospital and Medical Center
111 East 210th St.
Bronx, N.Y. 10467
Tel: (212) 920-4321

AREAS OF INTEREST: Medicine, including forensic medicine; dentistry; psychology; psychiatry; pharmacology; biochemistry; physiology; endocrinology; pathology; burns; dermatitis; allergic diseases; alcoholism; drug addiction; narcotics; accidents.

HOLDINGS: 30,000 books; 1,000 periodicals; reports.

INFORMATION SERVICES: Answers inquiries; provides reference, duplication, literature-searching, and loan services to organization members, physicians, and medical researchers.

MORRIS ANIMAL FOUNDATION

1164 531 Guaranty Bank Bldg.
Denver, Colo. 80202
Tel: (303) 825-7255

The Foundation makes grants to veterinary schools and similar institutions in the United States for research projects. It also administers funds and provides technical guidance for veterinary research for other organizations.

AREAS OF INTEREST: Veterinary medicine, with emphasis on research on dogs, cats, and horses.

MONTEFIORE HOSPITAL AND MEDICAL CENTER

HOLDINGS: Abstracts, slides, unevaluated data, reprints, theses.

INFORMATION SERVICES: Answers inquiries; provides consulting services; provides short lists of literature citations in response to specific inquiries; furnishes location of hard-to-find bibliographical materials; makes referrals; permits onsite use of collection.

MORTON ARBORETUM

1165 Lisle, Ill. 60532
Tel: (312) 968-0074

AREAS OF INTEREST: Horticultural experimentation and research, particularly hardiness and adaptability of woody plant materials; ground covers; landscape design; conservation; nature study; botany; plant pests; application of ecological principles to land use and management.

HOLDINGS: A library of 15,000 books (primarily on botany, horticulture, and dendrology), 400 current journals, 2,500 prints and drawings, plus pamphlets, reprints, abstracts, and bibliographies; an herbarium of 18,000 specimens representing the local flora of the Chicago region; the Morton Arboretum holdings of about 4,800 different kinds of woody plants arranged in systematic collections, geographical groupings, and special plantings for landscape effects (among the largest collections are crabapples, lilacs, oaks, elms, ashes, maples, and junipers).

PUBLICATIONS: *The Morton Arboretum Quarterly*; pamphlets, publication lists.

INFORMATION SERVICES: The library provides reference service, Xerox copies of journal articles, and makes interlibrary loans of books. A Plant Information Office directs a plant clinic for the homeowner.

MORTON COLLECTANEA

see University of Miami

MOSS LANDING MARINE LABORATORIES

1166 P.O. Box 223
Moss Landing, Calif. 95039
Tel: (408) 633-3378

MSA RESEARCH CORP.

AREAS OF INTEREST: Marine sciences, especially marine biology and marine geology; environmental relations of physical parameters and marine organisms; effective use of marine resources; estuarine and nearshore oceanography.

HOLDINGS: Museum collection of marine specimens; a library of about 2,000 books, 191 U.S. serial titles (70 currently received), and 350 foreign serial titles (110 currently received).

PUBLICATIONS: Annual report of student research; quarterly newsletter; journal articles.

INFORMATION SERVICES: Answers inquiries; conducts an educational workshop for teachers of earth science, marine biology, and oceanography; permits onsite reference.

MOTE MARINE LABORATORY, INC.

1167 9501 Blind Pass Rd.
Sarasota, Fla. 33581
Tel: (813) 924-1639

AREAS OF INTEREST: Studies on the anatomy, physiology, and behavior of sharks; marine biomedicine; marine microbiology; marine bioacoustics; Charlotte Harbor ecological study.

HOLDINGS: Extensive specimen collection of marine biota of the west coast of Florida; 850 books; 50 journal subscriptions; 11,500 reprints.

PUBLICATIONS: *Charlotte Harbor Estuarine Studies*; technical reports, newsletter.

INFORMATION SERVICES: Provides reference and consulting services.

The Laboratory maintains an experimental facility for the investigation of large marine animals.

MOUNT DESERT ISLAND BIOLOGICAL LABORATORY

1168 Salisbury Cove, Maine 04672
Tel: (207) 288-3605

AREAS OF INTEREST: Renal physiology; developmental biology; fauna and flora of the North Atlantic; pharmacology of the sea.

HOLDINGS: Reports, data.

PUBLICATIONS: *Bulletin of the Mount Desert Island Biological Laboratory* (annual).

INFORMATION SERVICES: Provides reference and consulting services. The Laboratory furnishes, on a fee

1171

basis, research facilities and logistic support for scientists to conduct their own investigations during the summer months. Priority for research space is given to studies for which the local cold water fauna and flora are particularly suited.

MOUNT HOLYOKE COLLEGE

Department of Biological Sciences

1169 Mount Holyoke College
South Hadley, Mass. 01075
Tel: (413) 536-4000 Ext. 339

AREAS OF INTEREST: Biological sciences.

HOLDINGS: 50,000 books; 500 periodical titles; reports, microfilms, microcards.

PUBLICATIONS: Reports, directories.

INFORMATION SERVICES: Provides limited consulting services; makes interlibrary loans.

MOUNT SINAI SCHOOL OF MEDICINE

Environmental Sciences Laboratory

1170 Department of Community Medicine
Mount Sinai School of Medicine
100th St. and 5th Ave.
New York, N.Y. 10029
Tel: (212) 876-1000

AREAS OF INTEREST: Population and epidemiological investigations, with basic science correlations; toxicological studies of occupational and environmental hazards; biological effects, location, identification, and characterization of inorganic particulate matter (silica, asbestos, talc, etc.); biological effects of other environmental pollutants, including polycyclic hydrocarbons; environmental carcinogenesis.

HOLDINGS: 150 periodical titles; books, reports.

PUBLICATIONS: Books, critical reviews.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; provides toxicological evaluations of occupational and environmental hazards. Services are available to academic and governmental bodies and individual scientists.

MSA RESEARCH CORP.

1171 Evans City, Pa. 16033
Tel: (412) 538-3510

1172

AREAS OF INTEREST: High temperature heat transfer; liquid metals technology; liquid metals handling hardware; human factors, including life support and protection; chemical warfare technology; alkali metal chemistry; contaminant elimination, sampling, and filtration in many environments; mine acid control by biological means; air and water pollution technology.

HOLDINGS: Books, journals, reports, patents.

PUBLICATIONS: Liquid metals literature review.

INFORMATION SERVICES: Answers inquiries; makes interlibrary loans.

MUSEUM OF NORTHERN ARIZONA

1172 P.O. Box 1389
Flagstaff, Ariz. 86001

Location:

Fort Valley Rd.
Flagstaff, Ariz.
Tel: (602) 774-2433

AREAS OF INTEREST: History and natural history of the Southwest, particularly the anthropology, archeology, biology, ethnology, geology, and paleontology of northern Arizona and the Colorado Plateau.

HOLDINGS: 90,000 artifacts; exhibits of rocks, fossils, animals, and plants; 9,000 books; 4,500 volumes of journals; 12,000 reprints; 2,800 maps; 14,000 negatives and slides.

PUBLICATIONS: *Plateau* (quarterly); technical reports, monographs, research papers. A publications list is available.

INFORMATION SERVICES: The Museum provides reference and loan services and facilities for readers. Laboratory space is available to visiting scientists. Admission to the Museum's exhibits is free.

Facilities include a Research Center, located on 110 acres, containing Geology, Anthropology, and Biology buildings, laboratories, and housing.

MUSEUM OF PETRIFIED WOOD

1173 106 Thomas St.
Rochester, N.Y. 14621
Tel: (716) 342-3447

AREAS OF INTEREST: Fossil plants, petrified wood, eurypterids, stratigraphy, and paleontology of the Silurian and Devonian periods in the northeastern United States; mineralogy.

MUSEUM OF NORTHERN ARIZONA

HOLDINGS: Several thousand stratigraphic, mineral, and fossil specimens; small collection of books, periodicals, and reports.

PUBLICATIONS: Reports, books.

INFORMATION SERVICES: Provides reference services; permits onsite use of collections.

MUSEUM OF SCIENCE AND SPACE TRANSIT PLANETARIUM

1174 3280 South Miami Ave.
Miami, Fla. 33129
Tel: (305) 854-4242

AREAS OF INTEREST: South Florida's natural history, flora and fauna, and conservation areas; astronomy; meteorology; archeology; mineralogy; aerospace history and science; gem-cutting; conchology; Indian populations.

HOLDINGS: Scientific and historic exhibits, including some live specimens; 1,000 reports.

PUBLICATIONS: *Coloring Book of Toxic Plants of South Florida*; pamphlets.

INFORMATION SERVICES: Answers inquiries; makes referrals; conducts classes in art, nature, and science for all ages; shows films; lends traveling exhibits for school children through local school boards; permits onsite use of collections.

Telescopes are available to the public in the Southern Cross Observatory on the Museum's roof.

MUSEUM OF SCIENCE (BOSTON)

Education Department

1175 Museum of Science
Science Park
Boston, Mass. 02114
Tel: (617) 742-1410

AREAS OF INTEREST: General science and technology; New England natural history.

HOLDINGS: Study collections of New England mammals, birds, rocks, fossils, and minerals.

INFORMATION SERVICES: Answers inquiries; makes referrals; permits onsite use of collections.

Library

1176 Museum of Science
Science Park
Boston, Mass. 02114
Tel: (617) 742-1410

NATICK LABORATORIES

1180

AREAS OF INTEREST: General science and technology; New England natural history.

HOLDINGS: 30,000 books ranging from children's books to professional handbooks; 150 periodical subscriptions; papers of the Boston Society of Natural History.

PUBLICATIONS: The Museum publishes an annual report, weekly staff news, promotional flyers for fund raising and for the education and other departments, commemorative and souvenir pieces, paperback books on various scientific topics, fact sheets, and various scientific charts.

INFORMATION SERVICES: Answers inquiries; makes interlibrary loans; makes direct loans to Museum members; permits onsite use of collections.

NALCO CHEMICAL CO.

1177 6216 West 66th Pl.
Chicago, Ill. 60638
Tel: (312) 458-0720

AREAS OF INTEREST: Chemistry; industrial water treatment; corrosion inhibitors; antifoams; ion exchange; paper; coagulation; oil additives; microbiocides; weed control; water pollution.

HOLDINGS: 8,800 books and bound journals; 3,500 unbound journals; 4,000 reports (internal); patents, films, photos, data.

PUBLICATIONS: Monthly Library Bulletin of accessions.

INFORMATION SERVICES: Answers inquiries; makes interlibrary loans (except for reference material); provides consulting services for fee.

NARCOTIC EDUCATIONAL FOUNDATION OF AMERICA

1178 5055 Sunset Blvd.
Los Angeles, Calif. 90027
Tel: (213) 663-5171

The Foundation is a nonprofit organization.

AREAS OF INTEREST: Education in all media to protect youths and adults from drug addiction, from illicit narcotic use, and from becoming victims of crime.

HOLDINGS: A library of books, periodicals, and reports related to narcotics and drugs; a film library; recordings of interviews and speeches.

PUBLICATIONS: Newsletter, leaflets, booklets, reprints, motion pictures, brochures, posters.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and literature-searching services; disseminates literature (single copies free); makes referrals; lends material; operates speaker's bureau.

NASSAU PSYCHIATRIC SOCIETY

1179 1200 Stewart Ave.
Garden City, N.Y. 11530
Tel: (516) 333-4300

AREAS OF INTEREST: Psychiatry and its application to the community.

HOLDINGS: Reports.

PUBLICATIONS: Newsletter (monthly); directory.

INFORMATION SERVICES: Provides consulting services.

NASSON COLLEGE

Mathematics and Science Subdivision

1180 Nason College
Main St.
Springvale, Maine 04083
Tel: (207) 324-5340 Ext. 27

AREAS OF INTEREST: Botany; zoology; microbiology; physiology; genetics; cytology; marine zoology; chemistry (inorganic, organic, analytical); biochemistry; physics; mathematics; aquatic ecology, with emphasis on estuaries; water pollution control.

PUBLICATIONS: *Bio Notes* (bimonthly, except summer); reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals. Services are provided free to some users and at cost to others.

NATICK LABORATORIES

see Army, Department of the. Army Materiel Command

1181

**NATIONAL ACADEMY OF SCIENCES--
NATIONAL ACADEMY OF
ENGINEERING**

Environmental Studies Board

1181 National Academy of Sciences--National
Academy of Engineering
2101 Constitution Ave. NW.
Washington, D.C. 20418

AREAS OF INTEREST: The Board coordinates all activities of NAS/NAE relating to environmental matters, advises legislative and executive branches of the Government in attacking environmental problems, provides a national focus for broad multidisciplinary studies of environmental problems, identifies and encourages research by others in various areas of environmental concern, and promotes understanding and cooperation among scientists, engineers, lawyers, and public officials on the complex problems of improving and maintaining a healthy environment.

HOLDINGS: Small working reference library for staff and members.

PUBLICATIONS: *Institutions for Effective Management of the Environment; Environmental Problems in South Florida; Jamaica Bay and Kennedy Airport, A Multidisciplinary Environmental Study, Volumes I and II.* Studies are published upon completion.

INFORMATION SERVICES: Completed studies may be purchased from the National Academy of Sciences Publications Office.

**NATIONAL ACADEMY OF SCIENCES--
NATIONAL ACADEMY OF
ENGINEERING--NATIONAL
RESEARCH COUNCIL**

see also National Research Council

Office of Information

1182 National Academy of Sciences--National
Academy of Engineering--National
Research Council
2101 Constitution Ave. NW.
Washington, D.C. 20418
Tel: (202) 961-1518

AREAS OF INTEREST: NAS-NAE-NRC activities.

NATIONAL ACADEMY OF SCIENCES--NATIONAL ACADEMY OF

PUBLICATIONS: *News Report* (10 times a year); *National Academy of Sciences--National Academy of Engineering--National Research Council: Organization and Members* (annual); *Annual Report of the National Academy of Sciences--National Academy of Engineering--National Research Council.*

INFORMATION SERVICES: This Office is a central point of access to information on the various units of the NAS-NAE-NRC. It maintains awareness of specialized NAS-NAE-NRC capabilities and refers requests accordingly. In cases where an inquiry directed to a particular board, committee, or office is not satisfied, the requester should contact the Office of Information for further guidance.

**NATIONAL AERONAUTICS AND
SPACE ADMINISTRATION**

Ames Research Center

Library

1183 Ames Research Center
Moffett Field, Calif. 94035
Tel: (415) 961-3313

AREAS OF INTEREST: Interplanetary probes; biological effects of space environment on earth organisms; aerospace medicine and biophysics; exobiology; high- and low-speed aerodynamics; guidance and control systems for manned spacecraft; midcourse navigation; terminal guidance; spacecraft design; gas physics; simulation techniques; wind tunnels; vertical and short takeoff (V/STOL) aircraft.

HOLDINGS: Books, journals, reports, films, photos, charts, microfiche.

INFORMATION SERVICES: Permits onsite reference by qualified Government agencies, their contractors, and colleges and universities.

Manned Spacecraft Center

Biomedical Research Division, DB5

TOXICOLOGY LABORATORY

1184 Biomedical Research Division, DB5
Manned Spacecraft Center
National Aeronautics and Space
Administration
Houston, Tex. 77058
Tel: (713) 483-5258

AREAS OF INTEREST: Spacecraft atmospheres; inhalation; continuous exposure; emergency exposures; materials pyrolysis.

HOLDINGS: Small collection of books, periodicals, and reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Services are available to scientists, specialists, and graduate students interested in inhalation toxicology, but not to lay persons or undergraduate students.

Technical Library

1185 Manned Spacecraft Center
National Aeronautics and Space
Administration
Houston, Tex. 77058
Tel: (713) 483-4048

AREAS OF INTEREST: Development, testing, and operation of manned spacecraft; life, physical, and social sciences related to manned exploration of space; biomedical aspects of manned space flight; life-support systems; crew equipment for manned flight missions; lunar and space environments; astronaut training.

HOLDINGS: Books, journals, reports, maps, charts, standards and specifications, tapes, microfiche.

INFORMATION SERVICES: Permits onsite reference by qualified Government agencies and their contractors; provides computerized searches and selective dissemination of information services to authorized users.

Office of Industry Affairs and Technology Utilization

Scientific and Technical Information Office

1186 National Aeronautics and Space
Administration
300 Seventh St. SW.
Washington, D.C. 20546
Tel: (202) 962-3648

AREAS OF INTEREST: Aerospace science and technology; worldwide aerospace information (acquisition, processing, reporting, dissemination); high-speed information retrieval; aerospace medicine; effects of space environment on man and other primates; instrumentation to measure the physiological and psychological behavior of human beings and other primates under imposed forces or

in engineered environments; flight and ground crew safety, protection, survival, and escape; closed ecological systems; extra-vehicular activity; illnesses and diseases caused by flight conditions; bacterial adaptation; behavioral effects of rotation and acceleration on living organisms; biological effects of radiation; cosmobiology; exobiology; decontamination.

HOLDINGS: The computerized system contains over 750,000 domestic and foreign aerospace-related reports, journal articles, books, and conference literature. An additional 200,000 documents, acquired and cataloged prior to 1962 are stored on film.

PUBLICATIONS: The Office produces six technical publication series: *Technical Reports*; *Technical Notes*; *Technical Memorandums*; *Contractor Reports*; *Technical Translations*; and *Special Publications* (conference proceedings, handbooks, data compilations, continuing bibliographies on aerospace subjects of current interest, etc.). The Office is also responsible for four announcement journals, as follows: *Scientific and Technical Aerospace Reports (STAR)* is a semimonthly abstracting and indexing journal covering worldwide aerospace report literature. By arrangement between NASA and the American Institute of Aeronautics and Astronautics, the AIAA publication *International Aerospace Abstracts* is issued in coordination with *STAR*, covering books and scientific and trade journals worldwide to complement *STAR*'s report coverage. *Computer Program Abstracts* lists documented computer programs developed by NASA, DoD, and AEC. *Selected Current Aerospace Notices (SCAN)*, a current-awareness service, complements *STAR* and *IAA* by providing notification of aerospace documents announced in these journals but under approximately 200 topics tailored to fit the stated needs of the users.

INFORMATION SERVICES: NASA-sponsored reports are provided on initial distribution without charge to NASA offices, centers, contractors, subcontractors, grantees, and consultants; to selected libraries; to U.S. Government agencies and their contractors; to other organizations participating with NASA in aerospace programs; and to foreign organizations and governments that exchange publications with NASA. Others may buy paper or microfiche copies of NASA-sponsored documents and non-copyrighted foreign documents from such sales agencies as the National Technical Information Service, Springfield, Va. 22151, and the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

1187

NATIONAL AGRICULTURAL CHEMICALS ASSOCIATION

1187 1155 15th St. NW.
Washington, D.C. 20005
Tel: (202) 296-1585

AREAS OF INTEREST: Agricultural chemistry; pesticides; toxicology.

HOLDINGS: Books and periodicals.

PUBLICATIONS: *NAC Newsletter* (monthly, restricted distribution).

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services.

NATIONAL AGRICULTURAL LIBRARY

see Agriculture, Department of

NATIONAL ANIMAL DISEASE LABORATORY

see Agriculture, Department of. Agricultural Research Service. Veterinary Sciences Research Division

NATIONAL ANIMAL PARASITE LABORATORY

see Agriculture, Department of. Agricultural Research Service. Veterinary Sciences Research Division

NATIONAL ARBORETUM

see Agriculture, Department of. Agricultural Research Service

NATIONAL ASSOCIATION FOR MENTAL HEALTH, INC.

Information and Referral Service

1188 National Association for Mental Health, Inc.
1800 North Kent St.
Rosslyn, Va. 22209

NATIONAL AGRICULTURAL CHEMICALS ASSOCIATION

AREAS OF INTEREST: Mental health, mental illness, and allied subjects.

HOLDINGS: A small library.

PUBLICATIONS: *Mental Hygiene* (quarterly); *NAMH Reporter*; *Directory of Facilities for Mentally Ill Children in the United States* (1967). A catalog is available.

INFORMATION SERVICES: Answers inquiries; makes referrals to appropriate organizations; locates other information sources; disseminates NAMH publications; permits onsite use of collection by professional persons and others interested in mental health.

NATIONAL ASSOCIATION FOR RETARDED CHILDREN

1189 2709 Avenue E, East
Arlington, Tex. 76011
Tel: (817) 261-4961

AREAS OF INTEREST: Mental retardation.

HOLDINGS: Small specialized collection of books, research reports, manuscript materials, Government documents, and technical data.

PUBLICATIONS: *Mental Retardation News* (10 issues a year); *The Record* (3 issues a year); *Information Exchange* and *Action Together* (both monthly); publications list; special bibliographies and studies.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; makes referrals; permits onsite use of collection by academic and scientific personnel by arrangement.

NATIONAL ASSOCIATION OF ANIMAL BREEDERS

1190 P.O. Box 1033
Columbia, Mo. 65201

Location:

512 Cherry St.

Columbia, Mo.

Tel: (314) 442-1008

AREAS OF INTEREST: Animal breeding; animal reproduction and genetics; livestock improvement; artificial insemination of dairy and beef cattle and other livestock.

HOLDINGS: Equipment used in the artificial insemination field; data compilations, photos, slides,

NATIONAL ASSOCIATION OF CORROSION ENGINEERS

maps and charts, posters and other display materials, project records, technical reports, reviews, journals, abstracts, newsletters, reprints, publication lists, pamphlets, press releases, clippings.

PUBLICATIONS: *A. I. Digest* (monthly); proceedings of annual convention, technical conferences, and beef conferences; various pamphlets and brochures; newsletters.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services; provides short lists of literature citations in response to specific inquiries; prepares analyses; furnishes location of hard-to-find bibliographic materials; permits onsite use of collection.

NATIONAL ASSOCIATION OF BIOLOGY TEACHERS, INC.

1191 1420 N St. NW.
Washington, D.C. 20005
Tel: (202) 667-8268

AREAS OF INTEREST: Biological science education, including aspects of classroom and laboratory instruction, facilities, and professional education of biology teachers at high school and college levels.

HOLDINGS: Small collection of periodicals.

PUBLICATIONS: *The American Biology Teacher* (9 times a year).

INFORMATION SERVICES: Answers inquiries.

NATIONAL ASSOCIATION OF CERTIFIED DENTAL LABORATORIES, INC.

1192 3801 Mount Vernon Ave.
Alexandria, Va. 22305
Tel: (703) 683-5263

A trade organization, the Association acts as liaison for the dental laboratory industry in relations with the dental profession, its agencies, and Government agencies. Through a separate agency, the National Board for Certification in Dental Laboratory Technology, it establishes certification standards for dental laboratory technicians, reviews qualifications, and conducts examinations through the Psychological Corporation, a professional testing agency.

AREAS OF INTEREST: Dental laboratory industry; dental laboratory technology; certification standards for dental laboratory technicians; dental education.

HOLDINGS: Small reference collection of books.

1194

PUBLICATIONS: *NACDL Journal* (monthly); *CDT Digest* (4 issues a year); newsletter (6 issues a year).

INFORMATION SERVICES: Answers inquiries; furnishes statistical and analytical business data; maintains a register of speakers and clinics.

NATIONAL ASSOCIATION OF CORONERS

1193 2121 Adelbert Rd.
Cleveland, Ohio 44106
Tel: (216) 721-5610

AREAS OF INTEREST: Procedures and problems in all aspects of investigations into cause, mode, and manner of deaths coming to the attention of a medicolegal officer.

HOLDINGS: Medicolegal statutes of 50 states.

PUBLICATIONS: Proceedings of the Association's annual seminar meetings.

INFORMATION SERVICES: Answers brief inquiries, but may require a personal interview to ascertain the questioner's need-to-know; provides consulting services to Association members.

The Association uses the facilities of the Cuyahoga County Coroner's Office.

NATIONAL ASSOCIATION OF CORROSION ENGINEERS

1194 2400 West Loop South
Houston, Tex. 77027
Tel: (713) 622-8980

AREAS OF INTEREST: Corrosion problems pertaining to water desalination, waste water treatment, recirculation of cooling water, and all aspects of engineering involving metallic and nonmetallic surfaces exposed to water and all corrosive environments.

HOLDINGS: 500 books; 60,000 abstracts.

PUBLICATIONS: *Corrosion* and *Materials Protection* (both monthly journals); *Corrosion Abstracts* (bimonthly); reports, proceedings, books, bibliographies.

INFORMATION SERVICES: Provides literature-searching and duplication services for fee; permits onsite use of literature collection.

NATIONAL ASSOCIATION OF HEARING AND SPEECH AGENCIES

1195 919 18th St. NW.
Washington, D.C. 20006
Tel: (202) 296-3844

AREAS OF INTEREST: Mechanisms and disorders of hearing and speech; selection, evaluation, and use of prosthetics; psychology and rehabilitation of hearing and/or speech handicapped persons; programs for conservation of hearing and speech and prevention of their disorders; establishment and maintenance of local service centers; recruitment and training of professionals.

HOLDINGS: Samples of audiometers and hearing aids; collection of motion pictures, photos, slides, journals, abstracts, indexes, reprints, and pamphlets.

PUBLICATIONS: *Hearing & Speech News* and *Washington Sounds* (both bimonthly); brochures, reprints, pamphlets.

INFORMATION SERVICES: Answers brief inquiries, usually by providing reprints, pamphlets, or brochures; provides consulting services; makes referrals.

NATIONAL ASSOCIATION OF PRIVATE PSYCHIATRIC HOSPITALS

1196 353 Broad Ave.
Leonia, N.J. 07605
Tel: (201) 944-4998

AREAS OF INTEREST: Private psychiatric hospitals.

HOLDINGS: Small reference collection of books, graphs, tables, newsletters, reprints, and news releases.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

NATIONAL AUDUBON SOCIETY

1197 Audubon House
1130 Fifth Ave.
New York, N.Y. 10028
Tel: (212) 369-2100

AREAS OF INTEREST: Research, public education, and other activities concerned with conservation, including birds, wilderness and scenic resources, other renewable resources, nature centers, camps, sanctuaries, nature museums, natural history, soil con-

servation, water, forests, plants, insects, biological controls, pesticides, and mammals and other wildlife.

HOLDINGS: 16,000 books; 500 current periodical subscriptions; a special collection of ornithological magazines; a large collection of nature photographs.

PUBLICATIONS: Periodicals available on subscription include the *Audubon Magazine* and *American Birds*, both bimonthly, and the *Audubon Leader's Conservation Guide*, a biweekly newsletter for Society members featuring legislative proposals and other Government activities of concern to conservationists.

INFORMATION SERVICES: Answers inquiries; provides literature references in response to specific requests; makes referrals to other organizations or specialists; permits onsite use of literature collection. Fees are charged only in cases where extensive research is required.

NATIONAL BIOMEDICAL RESEARCH FOUNDATION

1198 11200 Lockwood Dr.
Silver Spring, Md. 20901
Tel: (301) 593-6900

AREAS OF INTEREST: Application of computers to biological and medical research; computer-based retrieval systems; medical electronics; electro-optical devices; cumulative protein sequence file; cumulative polynucleotide sequence file.

HOLDINGS: 4,000 books; 600 journals; 500 reports; data.

PUBLICATIONS: *Computers in Biology and Medicine* and *Pattern Recognition* (both quarterly; published by Pergamon Press); *Atlas of Protein Sequences* (annual). Research results are published in technical reports, journal articles, and books.

INFORMATION SERVICES: Provides reprints of articles on request; provides data card decks on protein sequences.

NATIONAL BUREAU OF STANDARDS

see Commerce, Department of

NATIONAL CANCER CYTOLOGY CENTER, INC.

1199 Westbury Quadrangle

113 South Service Rd.
Jericho, N.Y. 11753
Tel: (516) 333-9216

Florida Division:

The May B. Stewart Cancer Research
Laboratory
6200 Northwest Miami Ct.
Miami, Fla. 33150
Tel: (305) 751-4581

AREAS OF INTEREST: Cancer cytology, including research, diagnosis, and professional and public education.

HOLDINGS: Over 1,000 books.

PUBLICATIONS: *Cancer Cytology Journal* (semianual; cosponsored by the Pan American Cancer Cytology Society); articles, pamphlets, news releases, motion pictures.

INFORMATION SERVICES: Answers inquiries; provides consulting services; distributes scientific reprints, educational pamphlets, and educational radio and television spot announcements; lends motion pictures to medical societies, universities, doctors, and nurses.

NATIONAL CANNERS ASSOCIATION

1200 1133 20th St. NW.
Washington, D.C. 20036
Tel: (202) 338-2030

AREAS OF INTEREST: Food (canning, microbiology, spoilage prevention, chemistry, standards, labeling requirements, nutrition, quality control); sanitation; waste disposal; water conservation; warehouse storage; home economics (food preparation and recipes); horticulture of fruits and vegetables; soils; fungicides and insecticides; statistics; fishery products.

HOLDINGS: 1,500 books; 50 journal subscriptions; extensive reprint collection on foods and food handling.

PUBLICATIONS: *Information Letter* (weekly); *Research Information* (monthly); *Annual Report of the Executive Vice President*; *Canned Food Pack Statistics* (annual); *NCA Labeling Manual* (up-dated periodically); *The Canning Industry* (irregular).

INFORMATION SERVICES: The Association's information services are available primarily, but not solely, to Association members. Research personnel will answer technical inquiries from scientists in related fields and, to a limited extent, from others, depending on the time and effort required. The Library makes interlibrary loans.

NATIONAL CENTER FOR FISH PROTEIN CONCENTRATE

see Commerce, Department of. National Oceanic and Atmospheric Administration. National Marine Fisheries Service

NATIONAL CENTER FOR HEALTH SERVICES RESEARCH AND DEVELOPMENT

see Health, Education, and Welfare, Department of. Public Health Service. Health Services and Mental Health Administration

NATIONAL CLEARINGHOUSE FOR DRUG ABUSE INFORMATION

see Health, Education, and Welfare, Department of. Public Health Service. Health Services and Mental Health Administration. National Institute of Mental Health. Office of Communications

NATIONAL CLEARINGHOUSE FOR MENTAL HEALTH INFORMATION

see Health, Education, and Welfare, Department of. Public Health Service. Health Services and Mental Health Administration. National Institute of Mental Health

NATIONAL CLEARINGHOUSE FOR POISON CONTROL CENTERS

see Health, Education, and Welfare, Department of. Public Health Service. Food and Drug Administration. Bureau of Product Safety

NATIONAL CLEARINGHOUSE FOR SMOKING AND HEALTH

see Health, Education, and Welfare, Department of. Public Health Service. Health Services and Mental Health Administration. Regional Medical Programs Service

1201

NATIONAL COMMITTEE FOR CAREERS IN THE MEDICAL LABORATORY

NATIONAL COMMITTEE FOR CAREERS IN THE MEDICAL LABORATORY

1201 9650 Rockville Pike
Bethesda, Md. 20014
Tel: (301) 530-6055

AREAS OF INTEREST: Recruitment and education in the medical laboratory field.

HOLDINGS: Small collection of periodicals, motion pictures, and reports.

PUBLICATIONS: *GIST Newsletter* (4 issues a year); reports, literature on recruitment and education.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals.

NATIONAL COUNCIL OF STATE GARDEN CLUBS, INC.

1202 4401 Magnolia Ave.
St. Louis, Mo. 63110
Tel: (314) 776-7574

AREAS OF INTEREST: Gardening and gardens; horticulture; landscape design; conservation.

HOLDINGS: Slides.

PUBLICATIONS: *National Gardener* (bimonthly); books, reports, critical reviews.

INFORMATION SERVICES: Answers inquiries.

NATIONAL COUNCIL ON MARINE RESOURCES AND ENGINEERING DEVELOPMENT

see Executive Office of the President

NATIONAL COUNCIL ON RADIATION PROTECTION AND MEASUREMENTS (NCRP)

1203 4201 Connecticut Ave. NW., Suite 402
Washington, D.C. 20008
Tel: (202) 363-6644

AREAS OF INTEREST: Radiation protection and measurement, including basic radiation protection criteria and standards; maximum permissible dose

equivalents for the population and radiation workers; maximum permissible concentrations of radionuclides that may be inhaled or ingested by humans; maximum permissible body burdens; dosimetry models for internally deposited radionuclides; medical, dental, and veterinary radiation protection (equipment design and use and structural shielding design); protection against electrons and neutrons; safe handling of radioactive materials; radiation monitoring methods and instruments; incineration of radioactive wastes; precautions in the management of patients receiving therapeutic doses of radionuclides and safe handling of bodies containing radioactive materials; permissible exposure to radiation in an emergency (civil defense and accidents); radiation protection in educational institutions; shielding for particle accelerators; radioactive nucleic acids and precursors; specification of radium substitutes; radiation exposure from consumer goods; measurement of radioactivity, exposure, absorbed dose, stopping powers, and neutron flux and spectra; high energy X-ray dosimetry; relative biological effectiveness (RBE) and quality factor (QF); radiation quantities, units, and standards.

HOLDINGS: Books, reports, periodicals, reviews, bibliographies.

PUBLICATIONS: *NCRP Reports*; *NCRP Statements*; *NCRP News* (published by NCRP Publications, P.O. Box 4867, Washington, D.C.).

INFORMATION SERVICES: Answers inquiries; makes referrals.

NATIONAL COUNCIL ON THE AGING

1204 200 Park Ave.
New York, N.Y. 10003
Tel: (212) 777-1900

AREAS OF INTEREST: Aging, with emphasis on the psychosocial, economic, and health aspects; housing; community organization; education; recreation; employment; retirement.

HOLDINGS: 1,300 books; 200 periodical titles; 98 vertical file drawers of pamphlets, articles, and reports dating from the early 1950's, including material on gerontological programs in the U.S. and some foreign countries; publications from various public and private programs at national, state, and local levels.

PUBLICATIONS: *NCOA Journal* (bimonthly); *Current Literature on Aging* (quarterly); bibliographies on

NATIONAL HEALTH FEDERATION

special subjects; reports on various research and demonstration projects.

INFORMATION SERVICES: Provides consultation, referral, and reference services by telephone, letter, or personal interview; lends material.

NATIONAL COUNCIL TO COMBAT BLINDNESS, INC.

see Fight for Sight, Inc.

NATIONAL CYSTIC FIBROSIS RESEARCH FOUNDATION

1205 202 East 44th St.
New York, N.Y. 10017
Tel: (212) 687-0230

The Foundation supports basic and clinical research and maintains 110 Care, Teaching, and Research Centers and clinics throughout the United States.

AREAS OF INTEREST: All aspects of cystic fibrosis and pediatric pulmonary disease; genetics.

HOLDINGS: Photographs, films, and slides for medical education; journals, reprints.

PUBLICATIONS: *Guide to Diagnosis and Management of Cystic Fibrosis*; proceedings of national and international scientific conferences on cystic fibrosis; *C/F Journal* for center directors and staff (quarterly); *C/F Club Abstracts* (annual); *Quarterly Annotated References*; *Guidelines for Health Personnel*; bibliography of medical literature; guides for young adults and parents of children with cystic fibrosis; various booklets for chapter members, physical therapists, teachers, nurses, and the general public. Most publications are available free to medical personnel and scientists.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals.

NATIONAL ENVIRONMENTAL HEALTH ASSOCIATION

1206 1600 Pennsylvania St.
Denver, Colo. 80203
Tel: (303) 222-4456 or 222-5118

AREAS OF INTEREST: Air and water pollution control; solid waste disposal; land development, preservation, and ecology; food and water quality control;

1208

management of institutional and industrial sanitation; housing and city planning; health care facilities; other phases of environmental control and improvement.

HOLDINGS: Reports, allied health professional journals.

PUBLICATIONS: *Journal of Environmental Health*; professional pamphlets.

INFORMATION SERVICES: Answers inquiries regarding professional development, education in environmental health, and employment opportunities; conducts Annual Conference on Environmental Health.

NATIONAL ENVIRONMENTAL RESEARCH CENTER

see Environmental Protection Agency. Office of Research and Monitoring

NATIONAL FOUNDATION

1207 1275 Mamaroneck St.
White Plains, N.Y. 10605
Tel: (914) 428-7100

AREAS OF INTEREST: Human genetics; congenital defects; human teratogenesis; virology; poliomyelitis; arthritis and other diseases; medical care; health careers.

HOLDINGS: Books, periodicals, technical reports, reviews, abstracts, newsletters, reprints, bibliographies, pamphlets, publication lists, press releases.

PUBLICATIONS: *Birth Defects, Abstracts of Selected Articles* (monthly); annual report, booklets, leaflets, educational films and exhibits. A publications list is available.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services and short lists of literature citations; lends films and exhibits for fee; permits onsite use of collection.

NATIONAL HEALTH FEDERATION

1208 P.O. Box 686
Monrovia, Calif. 91016

Location:

211 West Colorado Blvd.
Monrovia, Calif.
Tel: (213) 357-3695

1209

AREAS OF INTEREST: Health education in nutrition, cancer, pollution, research, etc.; fluoridation of public water supplies.

HOLDINGS: 650 books; 140 periodicals; reprints, data on tape.

PUBLICATIONS: Monthly bulletin, reprints, pamphlets, books.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; sponsors meetings and symposia; permits onsite use of collection.

NATIONAL HEARING AID SOCIETY

1209 24261 Grand River Ave.
Detroit, Mich. 48219
Tel: (313) 537-2610

AREAS OF INTEREST: Audiology; audiometry; hearing aids; deafness.

HOLDINGS: Books, journals, photos, pamphlets, news releases.

PUBLICATIONS: *Audecibel* (quarterly); news releases.

INFORMATION SERVICES: Answers brief inquiries; makes referrals.

NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH

see Health, Education, and Welfare, Department of Public Health Service. Health Services and Mental Health Administration

NATIONAL INSTITUTE OF INFANT SERVICES, INC.

1210 2017 Walnut St.
Philadelphia, Pa. 19103
Tel: (215) 569-3650

AREAS OF INTEREST: Professional diaper service; diaper hygiene; antiseptics; anti-enzyme formulations; bacteriostatic agents; deodorants; detergents; fabric conditioners; germicides; pharmaceuticals; packaging and processing supplies.

PUBLICATIONS: Standards and specifications.

INFORMATION SERVICES: Answers brief inquiries; provides consulting and testing services; prepares analyses. Services are provided at cost to all users.

NATIONAL HEARING AID SOCIETY

NATIONAL INSTITUTE OF MENTAL HEALTH

see Health, Education, and Welfare, Department of Public Health Service. Health Services and Mental Health Administration

NATIONAL INSTITUTES OF HEALTH

see Health, Education, and Welfare, Department of Public Health Service

NATIONAL KIDNEY FOUNDATION

1211 315 Park Ave. South
New York, N.Y. 10010
Tel: (212) 982-4450

AREAS OF INTEREST: Diseases of the human kidney and their treatment, including artificial kidney and transplant; research, professional, and public education; Uniform Organ Donor Program to provide cadaver donors of all organs and tissues, including kidneys.

HOLDINGS: Small collection of medical journals, technical reports, statistics, films, posters and display materials, medical newsletters, reprints, pamphlets, booklets, and clippings.

PUBLICATIONS: *KF Medical News Report*; ; *The Kidney* (medical articles); *Warning Signs*; *Your Kidney Foundation*; *Your Kidneys*; *Organ Donor Program*; *Kidney Transplantation*; pamphlets on various kidney-related health problems.

INFORMATION SERVICES: Through professional membership, provides technical information and medical news on kidney-related subjects; answers technical inquiries; makes referrals; distributes educational materials to professionals and information to the public through pamphlets, TV, radio, magazines, and newspapers.

NATIONAL LEAGUE FOR NURSING, INC.

1212 10 Columbus Circle
New York, N.Y. 10019
Tel: (212) 582-1022

AREAS OF INTEREST: Nursing, including improvement in nursing services, nursing education, and nursing

NATIONAL PARKS AND CONSERVATION ASSOCIATION

administration; community planning for health services; nursing careers.

HOLDINGS: More than 400 books, journals, reports, pamphlets, and data on curriculum development, management of nursing education and nursing service agencies, in-service education, and community health programs.

PUBLICATIONS: *Nursing Outlook* (monthly); *Nursing Research* (4 times a year).

INFORMATION SERVICES: Provides consulting and reference services; conducts workshops, institutes, and conferences. Services are provided on a fee basis.

NATIONAL LIBRARY OF MEDICINE

see Health, Education, and Welfare, Department of Public Health Service. National Institutes of Health

NATIONAL MARINE FISHERIES SERVICE

see Commerce, Department of. National Oceanic and Atmospheric Administration

NATIONAL MARINE WATER QUALITY LABORATORY

see Environmental Protection Agency. Office of Research and Monitoring. National Environmental Research Center (Corvallis)

NATIONAL MEDICO-DENTAL COUNCIL FOR THE EVALUATION OF FLUORIDATION

see Medical-Dental Committee on Evaluation of Fluoridation

NATIONAL MOSQUITO CONTROL-- FISH AND WILDLIFE COORDINATION COMMITTEE

1213 c/o Claude H. Schmidt, Secretary
Entomology Research Division

1214

Agricultural Research Service, USDA
Plant Industry Station
Beltsville, Md. 20705
Tel: (301) 474-6500 Ext. 393

AREAS OF INTEREST: Promotion of mutual understanding of the problems and methods involved in mosquito control and fish and wildlife conservation; stimulation of needed research and development of guidelines relating to mosquito control and fish and wildlife management practices.

HOLDINGS: Small collection of reports.

PUBLICATIONS: Conference proceedings.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

NATIONAL MUSEUM OF HISTORY AND TECHNOLOGY

see Smithsonian Institution

NATIONAL MUSEUM OF NATURAL HISTORY

see Smithsonian Institution

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

see Commerce, Department of

NATIONAL OCEANOGRAPHIC DATA CENTER

see Commerce, Department of. National Oceanic and Atmospheric Administration. Environmental Data Service

NATIONAL PARK SERVICE

see Interior, Department of the

NATIONAL PARKS AND CONSERVATION ASSOCIATION

1214 1701 18th St. NW.
Washington, D.C. 20009
Tel: (202) 667-3352

1215

AREAS OF INTEREST: Preservation of natural conditions in the national parks and wilderness areas of the United States; preservation of watersheds and river basins; wildlife protection and restoration; water pollution prevention; ecological aspects of water resources; ecological forestry; general conservation problems.

HOLDINGS: Specialized library.

PUBLICATIONS: *National Parks and Conservation Magazine*; *The Environmental Journal* (monthly).

INFORMATION SERVICES: Answers inquiries; makes referrals; permits onsite use of library by members, scholars, professionals, and the interested public.

NATIONAL PRAIRIE GROUSE TECHNICAL COUNCIL

1215 c/o Mr. Gerald Kobriger, Chairman
P.O. Box 1229
Dickinson, N. Dak. 58601
Tel: (701) 225-5608

The Council is composed mainly of research biologists and game managers who investigate and manage prairie grouse. It endeavors to increase public awareness of the status and problems of prairie grouse and to coordinate research and management efforts for the better management of these species.

AREAS OF INTEREST: Status, ecology, biology, and management problems of the Greater and Lesser Prairie Chicken and Sharptailed Grouse in North America.

HOLDINGS: Technical reports.

PUBLICATIONS: Newsletter.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services.

NATIONAL REFERRAL CENTER

see Library of Congress. Science and Technology Division

NATIONAL RENDERERS ASSOCIATION, INC.

1216 3150 Des Plaines Ave.
Des Plaines, Ill. 60018
Tel: (312) 827-8151

AREAS OF INTEREST: Rendering industry; processing of animal and poultry byproducts; domestic and foreign marketing; uses for products; research on new uses of industry products; animal and poultry

NATIONAL PRAIRIE GROUSE TECHNICAL COUNCIL

nutrition; control of sanitation in plants; air and water pollution problems.

HOLDINGS: Small collection of periodicals, educational movies, and reports.

PUBLICATIONS: *NRA Newsletter* (monthly); *NRA Yearbook* (annual); publications guide, pamphlets and other trading rules and reports relating to the rendering industry and its products, directories, product specifications.

INFORMATION SERVICES: Answers inquiries free; provides consulting services free to Association members and at cost to others. Three educational motion pictures on the industry are available free to anyone.

NATIONAL RESEARCH COUNCIL

see also National Academy of Sciences--National Academy of Engineering--National Research Council

Division of Behavioral Sciences

Committee on Hearing, Bioacoustics, and Biomechanics

1217 Division of Behavioral Sciences
National Research Council
2101 Constitution Ave. NW.
Washington, D.C. 20418
Tel: (202) 961-1505

AREAS OF INTEREST: Hearing; bioacoustics; biomechanics.

HOLDINGS: Government reports, selected technical papers.

INFORMATION SERVICES: Answers inquiries on current research and development projects in hearing and bioacoustics; permits onsite use of literature collection by approved visitors. Services are primarily for the Committee's sponsors but are also available to other qualified organizations and individuals.

Committee on Vision

1218 Division of Behavioral Sciences
National Research Council
2101 Constitution Ave. NW.
Washington, D.C. 20418
Tel: (202) 961-1505

AREAS OF INTEREST: Scientific and technical aspects of vision.

HOLDINGS: Government reports, selected technical papers.

INFORMATION SERVICES: Answers inquiries on current research and development projects on problems of vision; permits onsite use of literature collection by approved visitors. Services are primarily for the Committee's sponsors but are also available to other qualified organizations and individuals.

Division of Biology and Agriculture

Agricultural Board

1219 Division of Biology and Agriculture
National Research Council
2101 Constitution Ave. NW.
Washington, D.C. 20418
Tel: (202) 961-1371

AREAS OF INTEREST: Agricultural problems and research needs; application of research discoveries; agricultural products; animal feeds; animal health and nutrition; pesticides.

PUBLICATIONS: Technical reports.

INFORMATION SERVICES: Answers inquiries from research investigators.

Food and Nutrition Board

1220 Division of Biology and Agriculture
National Research Council
2101 Constitution Ave. NW.
Washington, D.C. 20418
Tel: (202) 961-1366

AREAS OF INTEREST: Food and nutritional science, including protein nutrition, fats, child nutrition, and dietary allowances.

PUBLICATIONS: Technical reports.

INFORMATION SERVICES: Answers inquiries from research investigators.

Institute of Laboratory Animal Resources

1221 Division of Biology and Agriculture
National Research Council
2101 Constitution Ave. NW.
Washington, D.C. 20418
Tel: (202) 961-1692

AREAS OF INTEREST: Animal stocks used in biological, agricultural, and medical research and in assay methods, testing, and teaching; standards for laboratory animal facilities, transportation, nutrition, breeding, sanitation, disease prevention, and use.

HOLDINGS: Reports.

PUBLICATIONS: *ILAR News* (quarterly newsletter); technical reports.

INFORMATION SERVICES: Answers inquiries; makes referrals.

U.S. National Committee for the International Biological Program

1222 Division of Biology and Agriculture
National Research Council
2101 Constitution Ave. NW.
Washington, D.C. 20418
Tel: (202) 961-1501

AREAS OF INTEREST: Biological basis of productivity and human welfare.

PUBLICATIONS: Reports of symposia, meetings, and conferences.

INFORMATION SERVICES: Answers inquiries from research investigators.

Division of Chemistry and Chemical Technology

Advisory Center on Toxicology

1223 Division of Chemistry and Chemical
Technology
National Research Council
2101 Constitution Ave. NW.
Washington, D.C. 20418
Tel: (202) 961-1380

AREAS OF INTEREST: General toxicology; toxicology of commercial products; toxicology of pollutants.

HOLDINGS: Various data from governmental, industrial, and academic sources; books, periodicals, reports.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; provides advisory and reference services. Services are provided primarily to the Government agencies that sponsor the Center, but also occasionally to other Government agencies and private enterprise if compatible with the sponsors' interests.

Division of Medical Sciences

1224 National Research Council
2101 Constitution Ave. NW.
Washington, D.C. 20418
Tel: (202) 961-1322

AREAS OF INTEREST: Application of new scientific and technical biomedical knowledge to the solution of public health and medical care problems; education and training of health manpower. Current major areas of study include the long-term biologic effects of air pollutants and ionizing radiation; research on drugs; drug safety and dependence; emergency medical service; research and training in orthopedics, urology, pathology, and orthotics and prosthetics; blood banking and blood transfusion practice; brain sciences; toxicology information programs; and research on the pathophysiology of injury and the resuscitation of traumatized persons. The Division also conducts two longitudinal epidemiologic studies: one on atomic bomb casualties in Japan and one on the U.S. veterans population.

PUBLICATIONS: Reports are transmitted to sponsoring organizations or are published by the National Academy of Sciences (NAS) or scientific journals. All those published by the NAS are listed in the NAS periodical *Publications*.

INFORMATION SERVICES: Sponsors scientific meetings and other informational exchange activities; provides consulting and advisory services to sponsoring agencies.

Division of Physical Sciences

Space Science Board

1225 Division of Physical Sciences
National Research Council
2101 Constitution Ave. NW.
Washington, D.C. 20418
Tel: (202) 961-1457

AREAS OF INTEREST: Space science; rockets and satellites; bioastronautics.

PUBLICATIONS: *United States Space Science Program-Report to COSPAR* (annual); *Impact Acceleration Stress* (1962); *Science in Space* (1961); *Atmospheres of Mars and Venus* (1961); *Review of Space Research* (1962); *Space Research: Directions for the Future* (1966); *Biology and the Exploration of Mars* (1966); *Extraterrestrial Life, An Anthology and Bibliography* (1966); *Planetary Astronomy: An Appraisal of Ground-Based Opportunities* (1968); *Physiology in the Space Environment, Vol. 1: Circulation* (1968); *Physiology in the Space Environment, Vol. 2: Respiration* (1967); *Space Biology* (1970); *Life Sciences in Space* (1970); *Infectious Disease in Manned Spaceflight: Probabilities and Countermeasures* (1970); *Radiation Protection Guides and Con-*

straints for Space Missions and Vehicle-Design Studies Involving Nuclear Systems (1970).

INFORMATION SERVICES: Provides advice and recommendations to Government agencies and other institutions; exchanges scientific information with foreign space organizations and scientists.

NATIONAL SAFETY COUNCIL

Safety Research Information Service

1226 National Safety Council
425 North Michigan Ave.
Chicago, Ill. 60611
Tel: (312) 527-4800

AREAS OF INTEREST: Safety; accidents; injuries; hazards; errors; protective devices.

HOLDINGS: About 5,000 abstracted research reports, of which 70 percent are related to traffic safety and 30 percent to industrial, home, public, school, and farm safety research; 100 periodical titles; 200 reference books; notices of in-process research.

PUBLICATIONS: Abstracts in the *Journal of Safety Research* (quarterly) and in *National Safety News* (monthly), both publications of the National Safety Council, and in publications of Highway Research Informat Service (Highway Research Board).

INFORMATION SERVICES: Answers inquiries; makes referrals; provides advisory technical reference and literature-searching services. Arrangements for formal exchange of information may be made.

NATIONAL SANITATION FOUNDATION

1227 P.O. Box 1468
Ann Arbor, Mich. 48106
Location:
2355 West Stadium Blvd.
Ann Arbor, Mich.
Tel: (313) 663-8581

AREAS OF INTEREST: Research, education, standards development, and service in relation to environmental quality (health, safety, salubrity); control of environmental pollution; community demonstration and consultation regarding achievement of environmental quality objectives; assistance to community colleges in preparing environmental technicians for environmental quality programs; health-safe food

service equipment; plastic pipe and other plastic products or appurtenances used in potable water supply systems; personal dosimetry of ionizing radiation; health-safe equipment for treatment, circulation, and quality control of water in swimming pools; testing and evaluation of equipment, materials, and devices manufactured in conformance with NSF standards and criteria, including toxicological and organolytic evaluation of equipment or products.

PUBLICATIONS: Standards and criteria relating to areas of interest; listing of equipment or products found qualified to bear the NSF Seal; reports of special studies or research projects relating to health-safety, pollution control, general sanitation, and quality of the environment. A publications list is available.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting and testing services for fee.

The Foundation has general and sophisticated laboratory facilities for physical, biological, chemical, radiological, and related evaluations.

NATIONAL SCIENCE FOUNDATION

Division of Biological and Medical Sciences

1228 National Science Foundation
1800 G St. NW.
Washington, D.C. 20550
Tel: (202) 632-4300

AREAS OF INTEREST: Cellular biology, including developmental and genetic biology; ecology and systematic biology; molecular biology, including biochemistry and biophysics; physiological processes (regulatory and metabolic biology); psychobiology.

HOLDINGS: Reports, data.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals.

National and International Programs

Office of Polar Programs

1229 Polar Information Service
National Science Foundation
1800 G St. NW.
Washington, D.C. 20550
Tel: (202) 632-4220

AREAS OF INTEREST: Arctic and antarctic research projects (administration, expenditures, logistic support); geology, geodesy, meteorology, geophysics, oceanography, glaciology, upper atmosphere physics, biology, and medical sciences of the arctic and antarctic regions.

HOLDINGS: Literature, reports, maps, photos.

PUBLICATIONS: *Antarctic Journal of the United States* (bimonthly) and the following National Science Foundation-sponsored publications: *Antarctic Research Series* (American Geophysical Union), *Antarctic Map Folio Series* (American Geophysical Society), and *Antarctic Bibliography* (Library of Congress); also translations of serials and monographs on polar research.

INFORMATION SERVICES: Serves as the clearinghouse and source of information regarding the existence and location of antarctic records, files, documents, and maps maintained within executive agencies and nongovernmental organizations; provides coordination in arctic information matters.

NATIONAL SEED STORAGE LABORATORY

see Agriculture, Department of. Agricultural Research Service. Plant Science Research Division

NATIONAL SOCIETY FOR MEDICAL RESEARCH

1230 1330 Massachusetts Ave. NW.
Washington, D.C. 20005
Tel: (202) 347-9565

AREAS OF INTEREST: Use and care of animals in scientific research and medical experiments; legal and ethical aspects of the use of cadavers, organ transplants, and autopsy procedures; laws facilitating the donation of bodies and body parts for use in medical studies after death; the legality and morality of medical experiments on humans.

HOLDINGS: Journals, reports, films, and photographs. Material is received in English, Russian, Italian, Spanish, French, and German.

PUBLICATIONS: *Bulletin of National Society for Medical Research* (monthly); annual report of activities.

INFORMATION SERVICES: Answers inquiries; provides reference services; provides legal counsel for medical and scientific institutions on specific problems.

NATIONAL SOCIETY FOR THE PREVENTION OF BLINDNESS, INC.

1231 79 Madison Ave.
New York, N.Y. 10016
Tel: (212) 684-3505

AREAS OF INTEREST: Comprehensive prevention of blindness programs, including community services (glaucoma screening, preschool vision screening); public and professional education regarding eye disease and disorders and eye safety for children and adults; industrial eye safety programs (recommendations for eye protection practices, sponsorship of legislation, Wise Owl Club incentive program); support of basic and clinical research related to causes of blindness; operational research, including statistical analyses of incidence and causes of vision and blindness problems.

HOLDINGS: The Society's Conrad Berens Library contains 2,900 books and 300 current serial titles, vertical files, and directories in the fields of eye health and safety (ophthalmology, optometry, optics, public health, industry, etc.). There is also a comprehensive collection of historical materials on eye health.

PUBLICATIONS: *The Sight-Saving Review* (professional quarterly journal, available on subscription); *POB News* and *Wise Owl News* (quarterly newspapers) and annual report (all available free); pamphlets of both general and professional interest (a catalog is available free); films.

INFORMATION SERVICES: Provides consulting and referral services free; provides bibliographies in any specific area of eye health; permits onsite use of library materials. The Society's films are available for free loan or purchase.

NATIONAL SOFT DRINK ASSOCIATION

1232 1128 16th St. NW.
Washington, D.C. 20006
Tel: (202) 638-2757

AREAS OF INTEREST: Carbonated soft drinks; nutrition; dental caries; water purity; sugar; synthetic sweeteners; sanitation; equipment; plant layout.

PUBLICATIONS: Brochures.

INFORMATION SERVICES: Answers inquiries.

NATIONAL SOYBEAN CROP IMPROVEMENT COUNCIL

1233 211 South Race St.
Urbana, Ill. 61801
Tel: (217) 367-0412

AREAS OF INTEREST: Soybean production practices in the United States.

HOLDINGS: Reference collection of journals, motion pictures, photos, maps, charts, graphs, pamphlets, news releases, and clippings.

PUBLICATIONS: Pamphlets.

INFORMATION SERVICES: Answers inquiries; makes referrals.

NATIONAL TECHNICAL INFORMATION SERVICE

see Commerce, Department of

NATIONAL TUBERCULOSIS AND RESPIRATORY DISEASE ASSOCIATION

1234 1740 Broadway
New York, N.Y. 10019
Tel: (212) 245-8000

AREAS OF INTEREST: Tuberculosis, its incidence, prevalence, control measures, and treatment; other respiratory diseases, types, methods, and facilities for treatment; elimination of cigarette smoking; conservation of air.

HOLDINGS: Technical reports, data, reviews, reprints.

PUBLICATIONS: *American Review of Respiratory Disease* (monthly); *Clinical Notes on Respiratory Diseases* (quarterly); *Bulletin of NTRDA* (two issues a year); special reports; articles in scientific journals; free educational booklets, posters, films, etc. for public, patients, and professionals in the field.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services; provides literature citations in response to specific inquiries; disseminates free published educational materials. Requests should be addressed to the nearest local or State tuberculosis and respiratory disease association.

NATIONAL WATER QUALITY LABORATORY

see Environmental Protection Agency. Office of Research and Monitoring. National Environmental Research Center (Corvallis)

NATIONAL WILDLIFE FEDERATION

1235 1412 16th St. NW.
Washington, D.C. 20036
Tel: (202) 483-1550

AREAS OF INTEREST: Conservation of wildlife and natural resources; wildlife management; organization of conservation groups.

HOLDINGS: 3,500 books; 1,000 journals; 5,000 reports; a vertical file of all state conservation agency periodicals.

PUBLICATIONS: *National Wildlife* (bimonthly); *Conservation News* (semimonthly newsletter); *Conservation Report* (weekly during Congressional sessions); *Ranger Rick's Nature Magazine* (10 issues a year); *Conservation Directory* (annual); *Orbit* (weekly, September through June).

INFORMATION SERVICES: Answers inquiries; makes referrals; provides reference services. Single copies of *Conservation News* and *Conservation Report* are available free on request.

NATIONAL ZOOLOGICAL PARK

see Smithsonian Institution

THE NATURE CONSERVANCY

1236 1800 North Kent St., Suite 800
Arlington, Va. 22209
Tel: (703) 524-3151

AREAS OF INTEREST: Preservation of natural areas in the United States and Virgin Islands for scientific and educational purposes.

HOLDINGS: The Nature Conservancy has saved over 225,000 acres in 39 States and the Virgin Islands; it owns over 72,000 of these acres in 370 preserves and holds reverter rights on most of the acreage saved.

PUBLICATIONS: *The Nature Conservancy News* (quarterly), annual report, policy and procedures manual, and others.

INFORMATION SERVICES: Answers inquiries and provides minimal consulting services within limits of time and personnel. Requests for information are limited to those most qualified to benefit, such as professionals, Government agencies, and educational institutions.

NAVY, DEPARTMENT OF THE

Bureau of Medicine and Surgery

Edward Rhodes Stitt Library

1237 Naval Medical School
National Naval Medical Center
Bethesda, Md. 20014
Tel: (202) 295-1184

AREAS OF INTEREST: Medicine, surgery, dentistry, and allied sciences.

HOLDINGS: About 50,000 books and journal volumes.

INFORMATION SERVICES: Permits onsite use of collection by Department of Defense personnel; makes interlibrary loans.

Health Practices Branch, Environmental Sanitation Section

1238 Bureau of Medicine and Surgery
Department of the Navy
23d and E Sts. NW.
Washington, D.C. 20390
Tel: (202) 696-6414 or 696-3854

AREAS OF INTEREST: Environmental sanitation as related to the U.S. Navy.

PUBLICATIONS: Manuals, directories.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides advisory and consulting services to agencies and individuals with pertinent professional interests.

Naval Blood Research Laboratory

1239 Chelsea, Mass. 02150
Tel: (617) 884-1735 or 884-4484 Ext. 396 or 319

AREAS OF INTEREST: Hematology; research, development, testing, and evaluating methods for the preservation of blood and blood products; human red cells, platelets, and plasma proteins in naval hospitals and combat areas on land and at sea.

HOLDINGS: Small collection of reports.

PUBLICATIONS: Reports, abstracts. A list of reports published by Laboratory personnel is available.

INFORMATION SERVICES: Answers inquiries; provides consulting services; provides reprints of articles.

The Laboratory provides rare and hold-for-donor frozen bloods that are available for both military and civilian use the world over free of charge.

Naval Hospital, Boston

MEDICAL LIBRARY

1240 U.S. Naval Hospital, Boston
Chelsea, Mass. 02150
Tel: (617) 884-4484 Ext. 201

AREAS OF INTEREST: Medicine.

HOLDINGS: 3,598 books; 195 periodical titles.

INFORMATION SERVICES: Answers inquiries; provides reference, literature-searching, and duplication services; makes referrals; makes interlibrary loans; permits onsite use of collection.

Naval Medical Field Research Laboratory Scientific Library

1241 Camp Lejeune, N.C. 28542
Tel: (919) 346-2111 Ext. 5149

AREAS OF INTEREST: Bacteriology; biochemistry; virology; physiology; entomology; psychology; dentistry; combat personnel protection; medical equipment (testing and development).

HOLDINGS: Over 40,000 books, journals, and reports.

INFORMATION SERVICES: Provides reference services to scientific and professional personnel in the Camp Lejeune area; makes interlibrary loans.

Naval Medical Research Institute

PHYSICAL BIOCHEMISTRY LABORATORY

1242 Naval Medical Research Institute
National Naval Medical Center
Bethesda, Md. 20014
Tel: (301) 295-0118

AREAS OF INTEREST: Biochemistry; narcotics; stimulants; drugs; venoms; convulsive disorders; absorption; inhalation; injections; chromatography; ultracentrifugation.

HOLDINGS: The Laboratory uses the collections of the Naval Medical Research Institute library.

PUBLICATIONS: Books, reports, reviews, research papers in technical journals.

INFORMATION SERVICES: Answers inquiries; provides consulting services to scientists; makes referrals.

TECHNICAL REFERENCE LIBRARY

1243 Naval Medical Research Institute
National Naval Medical Center
Bethesda, Md. 20014
Tel: (202) 295-0060 or 295-0061

AREAS OF INTEREST: Behavioral sciences; education and training research; experimental dentistry; experimental immunology; experimental medicine; experimental surgery; infectious diseases; stress physiology; underwater medicine.

HOLDINGS: 37,000 publications and subscriptions to 450 serials.

PUBLICATIONS: *Naval Medical Research Institute Reports* (annual).

INFORMATION SERVICES: Provides comprehensive library services to the Naval Medical Research Institute staff and aids other Government agencies and the scientific community as time and facilities permit.

Naval Submarine Medical Center

SUBMARINE MEDICAL RESEARCH LABORATORY

1244 Naval Submarine Medical Center
Naval Submarine Base New London
Groton, Conn. 06340
Tel: (203) 449-3263

AREAS OF INTEREST: Psychophysiology of audition and vision; human factors engineering; physiology of submarine atmosphere; respiratory physiology; diving research; decompression studies; personnel research (selection, motivation, performance, effects of stress); dental research, especially preventive dentistry; radiation biology; human aspects of military operations.

HOLDINGS: Technical reference library of 5,000 titles, including books, technical reports, monographs, journals, abstract literature, and other published material.

PUBLICATIONS: Technical reports, special reports, memoranda, abstracts.

INFORMATION SERVICES: Answers inquiries; makes limited interlibrary loans.

Navy Toxicology Unit

1245 National Naval Medical Center
Bethesda, Md. 20014
Tel: (202) 295-0135

AREAS OF INTEREST: Submarine, space, and underwater environmental toxicology; industrial hygiene and health; air pollution; hyperbaric toxicity; toxicity of propellants, fuels, oxidizers, hydraulic fluids, and explosives.

PUBLICATIONS: Letter reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

Naval Material Command

Naval Undersea Research and Development Center

1246 San Diego, Calif. 92132
Tel: (714) 225-6171

AREAS OF INTEREST: Marine biology; oceanography; ocean engineering; mathematics; acoustics; materials; mechanical engineering; sonar; weapons systems.

HOLDINGS: 25,000 books; 500 periodical titles.

INFORMATION SERVICES: Answers inquiries; provides reference, literature-searching, and duplication services; makes interlibrary loans; permits onsite use of collection. Services are available to other Navy laboratories, other Government organizations, and special groups.

Naval Ship Systems Command

Navy Experimental Diving Unit

1247 Washington Navy Yard, Building 214
Washington, D.C. 20390
Tel: (202) 693-3528 or 693-2790

AREAS OF INTEREST: Medical aspects of scuba and deep-sea diving; engineering of divers' equipment.

PUBLICATIONS: Research reports.

INFORMATION SERVICES: Answers inquiries; makes referrals.

Norfolk Naval Shipyard Medical Department

1248 Portsmouth, Va. 23709
Tel: (703) 393-7531

AREAS OF INTEREST: Industrial hygiene; health physics; dust; fumes; particles; heavy metals; adhe-

sives; radioactive chemicals; household chemicals; solvents; irritants; emulsifiers.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Reports, directories, standards and specifications.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

Naval Supply Systems Command

Navy Subsistence Office

1249 Washington Navy Yard, Building 166
11th and O Sts. SE.
Washington, D.C. 20390
Tel: (202) 693-3701

AREAS OF INTEREST: Navy food service program; food service staffing criteria; Food Management Teams; training of food service personnel; menu planning; recipes; design and layout of food service facilities; budgeting and administration of funds for feeding enlisted personnel; food and equipment specifications.

HOLDINGS: Small technical library on food items and related matters.

PUBLICATIONS: Directives and publications on the feeding of Navy enlisted personnel and the operation of general messes.

INFORMATION SERVICES: Answers inquiries; makes referrals.

Office of Naval Research

Biochemistry Branch

1250 Office of Naval Research
Department of the Navy
Arlington, Va. 22217
Tel: (202) 692-4054

AREAS OF INTEREST: Basic research in biochemistry; establishment of regulations for handling of toxic materials, limits of permissible exposure, etc.; submarine toxicology; toxins; venoms; pollution; underwater life support systems; subclinical effects of toxic conditions; atmospheric pressure effects.

HOLDINGS: Small collection of books and reports.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; makes referrals. Services are primarily for the Navy. The

1251

Biochemistry Branch's primary mission is the support of basic research.

Library

1251 Office of Naval Research
Ballston Tower No. 1, Room 633
800 North Quincy St.
Arlington, Va. 22217
Tel: (202) 692-4415

AREAS OF INTEREST: Physical, biological, medical, social, and naval sciences; management.

HOLDINGS: About 10,000 volumes, 400 periodical titles, and a pamphlet collection.

INFORMATION SERVICES: Answers inquiries; makes referrals; makes interlibrary loans; permits onsite use of collection.

Facilities include a microfilm reader-printer and a microfiche reader.

Microbiology Program

1252 Office of Naval Research
Department of the Navy
800 North Quincy St.
Arlington, Va. 22217
Tel: (202) 692-4056 or 692-4057

AREAS OF INTEREST: Microbiology (research, medical, applied); environmental biology; pollution abatement and control employing microorganisms; biological control of disease vectors.

PUBLICATIONS: *Abstracts of Contract Program*. Publication of research results is normally made by contractors through the open literature.

INFORMATION SERVICES: Answers inquiries.

Scientific Information Office

1253 Office of Naval Research
Ballston Tower No. 1
800 North Quincy St.
Arlington, Va. 22217
Tel: (703) 692-4111

AREAS OF INTEREST: Earth sciences; physical sciences; mathematics; psychology; biology; military research.

PUBLICATIONS: *Naval Research Reviews* (monthly) and *Naval Research Logistics* (quarterly), both available from the Superintendent of Documents, Government Printing Office, Washington, D.C. 20402; *Digital Computer Newsletter* (quarterly); *Eu-*

NAVY, DEPARTMENT OF THE

ropean Notes (monthly); *U.S. Navy Journal of Underwater Acoustics* (quarterly, classified); *Naval Human Engineering Bulletin* (every 4-6 weeks).

INFORMATION SERVICES: Answers inquiries; makes referrals; disseminates limited number of publications.

NEBRASKA DEPARTMENT OF AGRICULTURE

1254 State House
Lincoln, Nebr. 68509
Tel: (402) 471-2341

AREAS OF INTEREST: Agriculture in Nebraska, including economics, planning, marketing, and statistics; plant and animal industry; dairies; food and drugs; weeds and seeds; disease control; commercial feeds and fertilizers; fair trade practices.

HOLDINGS: Weed and crop seed samples.

PUBLICATIONS: *Nebraska Weeds* (a book containing pictures and descriptions of weeds in Nebraska); newsletters, pamphlets.

INFORMATION SERVICES: Answers inquiries; makes referrals; identifies seed and plant specimens.

NEBRASKA DEPARTMENT OF HEALTH

Bureau of Environmental Health Services

1255 Nebraska Department of Health
P.O. Box 94757, State House Station
Lincoln, Nebr. 68509
Tel: (402) 471-2186

AREAS OF INTEREST: State water supply and quality; waste water disposal and water purification for domestic and food-industry use; control of water-borne disease vectors; plans and specifications.

HOLDINGS: Books, reports, project records, periodicals, reviews, abstracts, indexes, bibliographies, publication lists, reprints, pamphlets, graphs, tables, maps, charts, slides, photos, data.

PUBLICATIONS: Yearly almanacs of water supply data; technical reports, reprints, data compilations. A publications list is sent on request.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting and literature-

searching services; permits onsite use of literature collection.

NEBRASKA GAME AND PARKS COMMISSION

1256 Box 30370
2200 North 33d St.
Lincoln, Nebr. 68503
Tel: (402) 434-0641

AREAS OF INTEREST: All wild animals in Nebraska, but primarily those of a sport and commercial interest, including the physical aspects of both aquatic and terrestrial environments; outdoor recreation.

HOLDINGS: Wildlife reference materials, reports, books, periodicals, maps and charts, pamphlets, display materials, research facilities.

PUBLICATIONS: *NEBRASKAland Magazine*; maps and charts, display materials, books, reports, pamphlets, news releases, comprehensive plans such as Outdoor Recreation Plan and Fish and Wildlife Plan.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and duplication services; permits onsite use of collection.

NEUROPSYCHIATRIC SOCIETY OF VIRGINIA

1257 c/o Dr. Richard Garnett, Executive Secretary
1244 Jefferson Park Ave.
Charlottesville, Va. 22901
Tel: (703) 924-2211

AREAS OF INTEREST: Psychiatry and related fields.

HOLDINGS: Reports.

PUBLICATIONS: Newsletter (3 issues a year); technical reports, conference proceedings.

INFORMATION SERVICES: Provides reference and document services; permits onsite use of files by approved investigators.

NEVADA AGRICULTURAL EXPERIMENT STATION

see University of Nevada

NEVADA DEPARTMENT OF AGRICULTURE

1258 P.O. Box 1209

Reno, Nev. 89504

Location:

350 Capitol Hill Ave.
Reno, Nev.

Tel: (702) 784-6401

AREAS OF INTEREST: Nevada agriculture, including regulations and controls affecting agriculture; livestock; animal health; veterinary science; bees; plant industry; seeds; insects; plant diseases; pesticides; fertilizer; produce grading (fruit, vegetable, egg, poultry, rabbit); weed and pest control; nursery industry; antifreeze and petroleum products; and weights and measures.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals.

NEVADA DEPARTMENT OF HEALTH, WELFARE, AND REHABILITATION

Alcoholism Division

1259 Nevada Department of Health, Welfare, and Rehabilitation
111 Telegraph St., Room 216
Carson City, Nev. 89701
Tel: (702) 882-7471

AREAS OF INTEREST: Alcoholism education, treatment, rehabilitation, and research.

HOLDINGS: Collection of books, periodicals, and reports.

PUBLICATIONS: Newsletters, reports, newspaper features and articles.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals.

Division of Health

Bureau of Environmental Health

1260 Division of Health
Nevada Department of Health, Welfare, and Rehabilitation
201 South Fall St.
Carson City, Nev. 89701
Tel: (702) 882-7458

AREAS OF INTEREST: Water and air pollution control; occupational and radiological health; sanitary engineering; food and milk sanitation; solid waste disposal; food and drug control.

1261

HOLDINGS: Books, journals, photos, reports, abstracts, pamphlets, brochures, samples, specimens, State laws and regulations pertaining to public health.

INFORMATION SERVICES: Disseminates copies of health rules, regulations, and reports; provides consulting and reference services; makes referrals; permits onsite reference; provides chemical and bacteriological tests of water samples.

FOOD AND DRUG SECTION

1261 Bureau of Environmental Health
Division of Health
Nevada Department of Health, Welfare, and Rehabilitation
201 South Fall St.
Carson City, Nev. 89701
Tel: (702) 882-7870

AREAS OF INTEREST: Food and drug control; legal toxicology, primarily drugs.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals.

NEW ENGLAND COUNCIL OF OPTOMETRISTS

1262 101 Tremont St., Room 608
Boston, Mass. 02108
Tel: (617) 542-1233

AREAS OF INTEREST: Visual care; eyeglasses.

HOLDINGS: 675 books; 3,000 journals; 200 reports.

INFORMATION SERVICES: Provides reference services to members and the press.

NEW ENGLAND FORESTRY FOUNDATION, INC.

1263 1 Court St.
Boston, Mass. 02108
Tel: (617) 742-5586

AREAS OF INTEREST: Forest management and conservation, especially for small land owners; Memorial Forest Program (gifts of forested land in New England to be preserved in perpetuity).

PUBLICATIONS: *Foundation News* (biannual, for employees and members of the Corporation); "New England Forestry Foundation" (brief picture and text history of the Foundation's work, with emphasis on its program of Memorial Forests); "Service Bul-

NEVADA DEPARTMENT OF HEALTH, WELFARE, AND

letin" (brief pamphlet describing the Foundation's services and listing officers, directors, and members of the Corporation); "Your Forest Forever" (pamphlet describing the Foundation's Memorial Forest Program); "Forest Investment" (pamphlet showing the long term benefits, including financial, of properly managed forest property).

INFORMATION SERVICES: Answers inquiries; provides consulting services at cost; conducts a color-slide-sound program, "The Story of New England's Forests," available on request in the New England area.

NEW ENGLAND INSTITUTE OF ANATOMY, SANITARY SCIENCE, EMBALMING AND FUNERAL DIRECTING

1264 656 Beacon St.
Boston, Mass. 02215
Tel: (617) 536-6970

AREAS OF INTEREST: Mortuary science and embalming; environmental health technician training.

HOLDINGS: 1,000 books; periodicals, reports.

PUBLICATIONS: Abstracts, reports, books.

INFORMATION SERVICES: Answers inquiries; permits onsite use of literature collection.

NEW ENGLAND MARINE RESOURCES INFORMATION PROGRAM

1265 University of Rhode Island
Kingston, R.I. 02881
Tel: (401) 792-6211

AREAS OF INTEREST: New England's marine resources and industries.

HOLDINGS: An inventory of sources of technical information on marine affairs in the New England area.

PUBLICATIONS: Bulletins, newsletters, bibliographies, reports, conference proceedings, brochures.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; makes referrals; sponsors workshops, conferences, and seminars. Services are provided free unless special research is required.

NEW ENGLAND REGIONAL PRIMATE RESEARCH CENTER

1266 Harvard Medical School
1 Pine Hill Dr.
Southborough, Mass. 01772
Tel: (617) 481-0400

The Center is supported by the National Institutes of Health and administered by Harvard University.

AREAS OF INTEREST: Research on various aspects of living nonhuman primates, including: comparative pathology; microbiology; primatology; primate taxonomy; physiology; zootechnology; cardiac physiology; dental research; physiopharmacology; and neuroanatomy.

HOLDINGS: Collection of books, periodicals, and reports.

PUBLICATIONS: *Animations* (newsletter); papers by staff members.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and duplication services; makes interlibrary loans.

NEW HAMPSHIRE AGRICULTURAL EXPERIMENT STATION

see University of New Hampshire

NEW HAMPSHIRE AUDUBON NATURE CENTER

1267 Bear Brook State Park
Suncook, N.H. 03275
Tel: (603) 485-3782

The Center is sponsored by the Audubon Society of New Hampshire in cooperation with the New Hampshire Division of Parks.

AREAS OF INTEREST: Nature study and conservation education in New Hampshire.

HOLDINGS: Exhibits and library materials.

PUBLICATIONS: Brochure, annual report.

INFORMATION SERVICES: Lends photos, slides, bird song records, and wall charts; conducts field trips and educational programs. The Center is open to the public.

NEW HAMPSHIRE CHIROPRACTIC ASSOCIATION, INC.

1268 289 Lawrence Rd.
Salem, N.H. 03079
Tel: (603) 898-5500

AREAS OF INTEREST: Chiropractic.

PUBLICATIONS: *N. H. Chiropractic Journal* (quarterly).

INFORMATION SERVICES: Answers inquiries free.

NEW HAMPSHIRE DEPARTMENT OF AGRICULTURE

1269 State House Annex, Room 201
Concord, N.H. 03301
Tel: (603) 271-3551

AREAS OF INTEREST: Agriculture in New Hampshire, including market statistics and standards; animal industry; insect control; plant disease suppression; milk quality control; pesticides control; meat inspection service; inspection of weighing and measuring devices; agricultural products inspection; licensing of live poultry dealers and of cattle dealers.

HOLDINGS: Small collection of data compilations, slides, motion pictures, and press releases.

PUBLICATIONS: *Weekly Market Bulletin*.

INFORMATION SERVICES: Answers inquiries; tests agricultural seeds, feeds, and fertilizers.

NEW HAMPSHIRE DEPARTMENT OF HEALTH AND WELFARE

Division of Public Health Services

1270 New Hampshire Department of Health and Welfare
61 South Spring St.
Concord, N.H. 03301
Tel: (603) 271-2747

AREAS OF INTEREST: Public health in New Hampshire; toxicology.

HOLDINGS: Small collection of books.

INFORMATION SERVICES: Provides consulting and laboratory services to medical referees.

Program on Alcohol and Drug Abuse

1271 Division of Public Health

1272

New Hampshire Department of Health and
Welfare
61 South Spring St.
Concord, N.H. 03301
Tel: (603) 271-3531

AREAS OF INTEREST: Alcoholism research, including survey data on juvenile drinking behavior and related psychological and socioeconomic factors; alcohol in relation to highway safety.

HOLDINGS: Collection of alcohol literature dating from 1947 and over 500 case histories. The Program maintains a set of the *Classified Abstract Archive of the Alcohol Literature* (Rutgers) and subscribes to *Drug Archives of the Addiction Research Foundation* (Toronto).

PUBLICATIONS: *The New Hampshire Bulletin on Alcohol and Drug Abuse* (bimonthly).

INFORMATION SERVICES: Answers inquiries; provides consulting and duplication services; provides bibliographic references and data tabulations; lends published materials; makes referrals; permits onsite use of collection by scientific researchers by arrangement.

NEW HAMPSHIRE FISH AND GAME COMMISSION

Inland Marine and Fisheries Division

1272 New Hampshire Fish and Game Commission
34 Bridge St.
Concord, N.H. 03301
Tel: (603) 225-6658

AREAS OF INTEREST: Management of freshwater anadromous and marine fish and shellfish; any environmental problems that may affect fish management, such as pollution, disease, man-made physical changes in the aquatic environment, etc.

HOLDINGS: Library of over 8,000 volumes on fisheries science and related subjects.

PUBLICATIONS: Irregular special publications as results warrant.

INFORMATION SERVICES: Provides counseling and advisory services to other State and Federal agencies, to industry, and to the general public.

NEW HAMPSHIRE FISH AND GAME COMMISSION

NEW HAMPSHIRE FISH AND GAME DEPARTMENT

Game Management and Research Division

1273 New Hampshire Fish and Game Department
34 Bridge St.
Concord, N.H. 03301
Tel: (603) 271-2461

AREAS OF INTEREST: Game management and research in New Hampshire.

HOLDINGS: Technical reports, books, journals, reprints.

PUBLICATIONS: Biological survey bulletins, technical circulars, manuals, reports.

INFORMATION SERVICES: Answers inquiries; permits onsite use of collection.

NEW HAMPSHIRE PESTICIDES CONTROL BOARD

1274 State House Annex, Room 201
Concord, N.H. 03301
Tel: (603) 271-3550

AREAS OF INTEREST: Complete record of annual pesticide application in New Hampshire, including list of all commercial pest control operators and agricultural pesticide users; pesticide residue monitoring for New Hampshire.

PUBLICATIONS: Annual reports on pesticide use in New Hampshire; pesticide monitoring reports.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services.

NEW HAMPSHIRE WATER SUPPLY AND POLLUTION CONTROL COMMISSION

1275 61 South Spring St.
Concord, N.H. 03301
Tel: (603) 225-6611 Ext. 523, 524, or 525

AREAS OF INTEREST: Pollution control of surface waters of New Hampshire; sewerage and sewage treatment facilities in juvenile and recreational camps; public water supplies; public bathing areas; industrial and mill wastes; marine growth.

HOLDINGS: Small collection of books, periodicals, technical reports, maps, charts, slides, photos, pamphlets, and films.

PUBLICATIONS: Reports, pamphlets, brochures.

INFORMATION SERVICES: Answers inquiries; makes referrals; prepares technical summaries; provides consulting services; permits onsite use of collection; analyzes samples of surface waters, mill waters, sewage, marine growth, and drinking water.

NEW JERSEY AGRICULTURAL EXPERIMENT STATION

see Rutgers--The State University

NEW JERSEY BUREAU OF RESEARCH IN NEUROLOGY AND PSYCHIATRY

1276 c/o New Jersey Neuro-Psychiatric Institute
Box 1000
Princeton, N.J. 08540
Tel: (609) 466-0400 Ext. 432

AREAS OF INTEREST: Neurology; psychology; psychiatry; hypnosis therapy; alcohol addiction; proxemics; human aging; perception; personality; schizophrenia; brain function; somatotyping; human typology; socio-architecture.

HOLDINGS: 75 operant conditioning devices, tape recorders, and perceptual testing apparatuses; 2,000 tapes; 10,000 books; 150 periodical titles; 600 slides; 2,500 reprints; technical reports, project records, reviews.

PUBLICATIONS: Books, reports, journal articles.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services without charge, primarily to other researchers and State agencies; makes interlibrary loans.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

Bureau of Radiation Protection

1277 New Jersey Department of Environmental
Protection
P.O. Box 1390
Trenton, N.J. 08625
Tel: (609) 292-5586

AREAS OF INTEREST: Radiation safety practices, including medical and dental X-ray and industrial radiography; radiological health; elimination of unnecessary radiation; radioactive materials licensing; radiation protection legislation and codes; radium dial painting hazards, injuries, and deaths; radium dial painters' body burdens; radiation education of emergency workers and X-ray technicians.

HOLDINGS: 500 books; 50 periodical titles; 500 reports.

PUBLICATIONS: Standards and specifications.

INFORMATION SERVICES: Answers inquiries.

Division of Fish, Game, and Shell Fisheries

1278 New Jersey Department of Environmental
Protection
P.O. Box 1809
Trenton, N.J. 08625

Location:

Labor and Industry Bldg.
John Fitch Plaza
Trenton, N.J.
Tel: (609) 292-2965

AREAS OF INTEREST: Fish, shellfish, and game in New Jersey, including fresh water and marine fish, migratory and resident birds, and mammals; conservation; water and air pollution; thermal pollution.

HOLDINGS: Technical reports, standards and specifications, project records, posters and other display materials, graphs, periodicals, newsletters, reprints, pamphlets, photos, slides, charts, data, maps of the oyster and shellfish beds in the Delaware Bay and on the Atlantic Coast.

PUBLICATIONS: *New Jersey Outdoors* (monthly, available by subscription); annual report.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides limited film loan service to New Jersey residents free.

Bureau of Fisheries Management

1279 Division of Fish, Game, and Shell Fisheries
New Jersey Department of Environmental
Protection
P.O. Box 1809
Trenton, N.J. 08625

Location:

Labor and Industry Bldg.
John Fitch Plaza

Trenton, N.J.

Tel: (609) 292-2965

AREAS OF INTEREST: Fisheries management; aquatic biology and ecology; fish diseases; fishkills; limnology; water microbiology; water conditions necessary for fisheries management; water resources, including lakes, rivers, streams, and estuaries; phreatophyte control; water pollution control and abatement, including water law, enforcement of pollution regulations, sources of pollutants, and industrial wastes; water temperatures and sources of temperature changes.

HOLDINGS: The Bureau is a depository for data gathered by the Division for technical reports and information pertaining to water resources management as it affects fisheries. It also maintains records of types of fish, water temperatures and turbidity, and local ecological conditions in lakes and streams.

PUBLICATIONS: Occasional articles in technical journals.

INFORMATION SERVICES: Answers technical inquiries and provides consulting services on fisheries and fishing conditions.

Division of Natural Resources

Bureau of Navigation

1280 Division of Natural Resources
New Jersey Department of Environmental
Protection
P.O. Box 1889
Trenton, N.J. 08625

Location:

Labor and Industry Bldg.
John Fitch Plaza
Trenton, N.J.
Tel: (609) 292-2651

AREAS OF INTEREST: Aquatic biology and ecology; aquifers; desalination; docks; erosion; floods and flood control; hydraulics; hydrodynamics; water pollution control and abatement; sewage treatment; industrial and recreational water use; waterways; design and construction of jetties, canals, and navigation improvements along the coast.

HOLDINGS: Maps, case histories, and data relating to the tidal waters of the coast, bays, and estuaries of New Jersey.

PUBLICATIONS: Occasional articles in technical journals.

INFORMATION SERVICES: Answers inquiries; assists in preparing maps and reports on navigation improvements, riparian grants, and shoreline protection.

Division of Parks, Forestry, and Recreation

1281 New Jersey Department of Environmental
Protection
P.O. Box 1889
Trenton, N.J. 08625

Location:

Labor and Industry Bldg.
John Fitch Plaza
Trenton, N.J.

Tel: (609) 292-2520 (Bureau of Forestry)
(609) 292-2772 (Bureau of Parks)
(609) 292-2597 (Bureau of Recreation)

AREAS OF INTEREST: State forests, parks, and recreational areas; natural areas; rivers, streams, and lakes; limnology; phreatophyte control; aquatic biology and ecology; water pollution; water temperature; water use for recreational purposes; prevention of shoreline erosion; shore protection works. Means of securing fresh water in coastal areas and the recreational use of tidal waters are of particular interest to the Division.

HOLDINGS: Maps and information on State forests, State parks, and recreational areas.

PUBLICATIONS: Occasional pamphlets or shore publications on specific forests, parks, or water recreational areas.

INFORMATION SERVICES: Answers technical inquiries and gives advice on recreational facilities available in State forests and park areas.

NEW MEXICO DEPARTMENT OF GAME AND FISH

1282 State Capitol Bldg.
Santa Fe, N. Mex. 87501
Tel: (505) 827-2438

AREAS OF INTEREST: Game and fish management in New Mexico, including regulations.

PUBLICATIONS: *New Mexico Wildlife* (bimonthly); annual report.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services; prepares analyses. When possible, requests are answered by personnel working in the specific area of the request.

NEW MEXICO HEALTH AND SOCIAL SERVICES DEPARTMENT

1283 P.O. Box 2348
Santa Fe, N. Mex. 87501

AREAS OF INTEREST: Public health in New Mexico.

HOLDINGS: 870 books; 125,000 pamphlets; 450 motion pictures; 360 photos; 30 journals.

PUBLICATIONS: Annual report.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; performs laboratory analyses.

Environmental Services Division

1284 New Mexico Health and Social Services
Department
P.O. Box 2348
Santa Fe, N. Mex. 87501
Tel: (505) 827-2473

AREAS OF INTEREST: Consumer protection; water and liquid wastes; general environmental sanitation; occupational-radiological health; air pollution.

HOLDINGS: Data, project records, technical reports, plans and specifications.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; permits onsite reference to sewerage and swimming pool plans and specifications.

Water and Liquid Waste Section

1285 New Mexico Health and Social Services
Department
P.O. Box 2348
Santa Fe, N. Mex. 87501
Tel: (505) 827-2813

AREAS OF INTEREST: Public health (excluding medicine); water supply; sewage treatment; water treatment; swimming pools; water pollution control; design of individual water supply and waste water treatment and disposal units; water quality; industrial waste.

HOLDINGS: Reports, project records, pamphlets, abstracts, indexes, maps, charts, graphs, tables, reviews, specimens, plans and specifications of water and sewage facilities; chemical and physical analysis of water samples in New Mexico; water quality standards.

PUBLICATIONS: Booklets, mimeographed reports; regulations on water quality and statements of policy on water and sewage.

INFORMATION SERVICES: Answers inquiries; makes referrals; permits onsite reference; disseminates publications free.

NEW MEXICO HIGHLANDS UNIVERSITY

Institute of Scientific Research

1286 New Mexico Highlands University
Las Vegas, N. Mex. 87701
Tel: (505) 425-7511

AREAS OF INTEREST: Biochemistry; physical-chemical properties of biological compounds and systems; chemical and physiological properties of psychopharmacological compounds; alkaloids; reaction mechanisms; surface adsorption; thermodynamics; chemistry of water; arylonium analyses; ethology of the Pocket Mouse; embryology of native grasses; infrared astronomy; physiology of bats; stereochemistry of small ring heterocycles.

HOLDINGS: Books, journals, reports, punched cards containing thermodynamic data.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; provides consulting and bibliographic services for fee; makes interlibrary loans; permits onsite use of collection.

NEW MEXICO NURSES' ASSOCIATION

1287 229 Sierra Dr. SE.
Albuquerque, N. Mex. 87108
Tel: (505) 268-7744

AREAS OF INTEREST: Nursing; education of nurses; in-service training; improvement of nursing skills; legislation; economic security for professional nurses.

PUBLICATIONS: *The New Mexico Nurse* (quarterly).

INFORMATION SERVICES: Answers inquiries from the public; provides reference and consulting services to members.

NEW MEXICO STATE UNIVERSITY

Agronomy Department

1288 New Mexico State University
P.O. Box 3-Q
Las Cruces, N. Mex. 88001

1289

Tel: (505) 646-3405

AREAS OF INTEREST: Crop and soil sciences.

HOLDINGS: 300 reference books; collection of Year-books of Agriculture; collection of Advances in Agronomy; reference library in soil science, plant breeding, and plant physiology; pesticide bulletins, soil survey maps, miscellaneous pamphlets; theses in the areas of plant breeding, soil science, and weed physiology.

PUBLICATIONS: Research reports, occasional bulletins.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; makes referrals.

Department of Horticulture

1289 New Mexico State University
Box 3530
Las Cruces, N. Mex. 88001
Tel: (505) 646-1521

AREAS OF INTEREST: Fruits, vegetables, and ornamental plants, including physiology, morphology, nutrition, pest control, irrigation, and management practices.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Research reports, research bulletins, scientific journal articles, news releases.

INFORMATION SERVICES: Answers inquiries on commercial landscaping, home and environmental areas, and the areas of interest listed above; provides reference services; provides consulting services for fee.

NEW YORK ACADEMY OF MEDICINE LIBRARY

1290 2 East 103d St.
New York, N.Y. 10029
Tel: (212) 876-8200

AREAS OF INTEREST: Medicine and its allied sciences, including nursing and dentistry; pathology; pharmacy; drugs; drug habituation; narcotics; allergy; insecticides; psychoanalysis; psychiatry and psychology; mental health; sociology of medicine; public health; legal medicine; industrial medicine; history of medicine; biography; nutrition.

HOLDINGS: 395,000 books and bound journals; 175,000 pamphlets and Government documents; 210,000 portraits; 24,000 illustrations; manuscripts, microfilms, photographs, maps and charts, incu-

NEW MEXICO STATE UNIVERSITY

nabula. The Library's collection, which contains medical literature in all languages, but especially in English and German, is particularly strong in foreign monographs, textbooks, encyclopedias, and indexes.

PUBLICATIONS: The Academy publishes the monthly *Bulletin of the New York Academy of Medicine* and the *History of Medicine Series*. The Library issues a monthly accessions list and a brochure describing the Library's services.

INFORMATION SERVICES: Answers telephone inquiries; lends material to qualified institutional and individual subscribers and Fellows; provides photoduplication services; permits onsite reference to collections. A listing of freelance bibliographers, abstractors, translators, etc. is maintained for the convenience of users.

THE NEW YORK ACADEMY OF SCIENCES

1291 2 East 63d St.
New York, N.Y. 10021
Tel: (212) 838-0230

AREAS OF INTEREST: Anthropology; biochemistry; biophysics; engineering; environmental sciences; geological sciences; instrumentation; mathematics; microbiology; organometallic chemistry; polymer science; psychology; atmospheric sciences; biological and medical sciences; catalysis; chemical sciences; computer and information sciences; physical sciences; science and public policy.

PUBLICATIONS: *Transactions* of The New York Academy of Sciences (8 a year); *Annals of The New York Academy of Sciences* (irregular); *The Sciences* (monthly); monographs and special publications (both irregular). A publications list is available.

INFORMATION SERVICES: Refers inquiries from bona fide scientists to Academy members who would be willing to help as a matter of professional courtesy; permits onsite use of the Academy's *Annals*.

NEW YORK BOTANICAL GARDEN

1292 Bronx Park
Bronx, N.Y. 10458
Tel: (212) 933-9400

AREAS OF INTEREST: Botany, including botanical exploration, plant geography, plant systematics, floristic and monographic research in all major taxonomic groups, numerical taxonomy, plant

NEW YORK CITY POLICE DEPARTMENT

1295

morphology, plant anatomy, cytotaxonomy, paleobotany, phytochemistry, plant sex hormones, plant pathology, environmental biology, plant ecology, arboretum development, horticulture, and plant introduction.

HOLDINGS: World herbarium of about 4 million preserved specimens, including about 80,000 types, representing all taxonomic groups; living collections of ferns and flowering plants, under glass and out-of-doors, and a culture collection of fungi; fossil collection of about 2,000 specimens; a library, especially strong in plant systematics and horticulture, of about 80,000 bound volumes, 300,000 leaflets, pamphlets, and reprints.

PUBLICATIONS: *Garden Journal* (bimonthly); *Memoirs of the New York Botanical Garden* and *North American Flora* (both irregular); *Wildflowers of the United States* (6 vols., issued as completed); annual report, monthly newsletter. The Botanical Garden also publishes *Brittonia* (quarterly, for the American Society of Plant Taxonomists), *Economic Botany* (quarterly, for the Society of Economic Botany), *Mycologica* (bimonthly, for the Mycological Society of America), and *Bulletin of the Torrey Botanical Club* (bimonthly, for the Torrey Botanical Club).

INFORMATION SERVICES: Qualified scientists and students may have access to all collections, to the library, and to other facilities. Identification services for native, exotic, and cultivated plants and diseases and advisory services to Government and industry are provided. Interlibrary loans are made. In collaboration with the City University of New York (Lehman College campus) and Columbia University, the Botanical Garden conducts a graduate training program. It also conducts public education courses.

NEW YORK CITY DEPARTMENT OF HEALTH

Food and Drug Laboratory

1293 Bureau of Laboratories
New York City Department of Health
455 First Ave.
New York, N.Y. 10016
Tel: (212) 340-4445

AREAS OF INTEREST: Chromatography and spectrophotometry of narcotics, pesticides, drugs, and heavy metals in blood, urine, and food to determine habituation, ingestion, and contamination.

HOLDINGS: 10,000 reports; books, periodicals.

PUBLICATIONS: Reprints of published papers.

INFORMATION SERVICES: Provides consulting services; provides analysis of body tissues and fluids, food, drugs, and household chemicals; provides proficiency testing of New York City clinical laboratories performing drug abuse screening tests. Services are provided free to physicians, hospitals, and health centers (specimens are not accepted from private individuals).

Facilities include gas chromatographs, ultraviolet, visible, and infrared spectrophotometers, spectrofluorometers, atomic absorption spectrophotometers, and thin layer chromatographs.

NEW YORK CITY OFFICE OF THE CHIEF MEDICAL EXAMINER

1294 520 First Ave.
New York, N.Y. 10016
Tel: (212) 684-1600

AREAS OF INTEREST: Forensic pathology and medicine, including forensic serology, microbiology, and analytical toxicology, all in connection with official investigation into circumstances and determination of cause of all sudden, unexpected, medically unattended, suspicious, violent, and unusual deaths; detection of narcotics and related substances in urine of suspected and supervised drug addicts; determination of composition of drug samples.

HOLDINGS: 1,000 books; periodicals, reports.

PUBLICATIONS: Methods used by the Office are reported in scientific journals and also in the textbook, *Legal Medicine, Pathology and Toxicology* (2d ed., 1954, Appleton-Century-Crofts, New York). Original reports and copies of out-of-print books on legal medicine are published in the *International Microform Journal of Legal Medicine* (edited by the Milton Helpern Library of Legal Medicine, published by University Microfilms, Inc.).

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services. Services are provided to governmental agencies, including municipal, county, State, and Federal agencies, as workload permits.

NEW YORK CITY POLICE DEPARTMENT

Scientific Research Office

1295 New York City Police Department
235 East 20th St., Room 834
New York, N.Y. 10003

1296

Tel: (212) 677-1208

AREAS OF INTEREST: Forensic science; narcotics; amphetamines; barbiturates; hallucinogens; heavy metals; household chemicals; radioactive chemicals; organic solvents; pesticides; gases.

HOLDINGS: A small collection of books, periodicals, and reports.

INFORMATION SERVICES: Answers inquiries from most groups requesting information. In addition, the Office provides free consulting, reference, literature-searching, and referral services to law enforcement agencies.

NEW YORK COLLEGE OF PODIATRIC MEDICINE

Sidney Druskin Memorial Library

1296 New York College of Podiatric Medicine
53 East 124th St.
New York, N.Y. 10035
Tel: (212) 427-8400 Ext. 26

AREAS OF INTEREST: Podiatry and related fields of medicine.

HOLDINGS: 4,200 books, including a unique collection of podiatric books; 1,200 bound volumes of periodicals, including complete files of podiatric journals; 150 periodical subscriptions; films, slides, audiovisual equipment.

PUBLICATIONS: College bulletin.

INFORMATION SERVICES: Answers inquiries; provides reference services; makes referrals; makes some interlibrary loans; permits onsite use of collection. A copying machine is available. Services are primarily for faculty, students, and professional podiatrists.

NEW YORK HOSPITAL--CORNELL MEDICAL CENTER

Westchester Division

Medical Library

1297 Westchester Division
New York Hospital--Cornell Medical Center
21 Bloomingdale Rd.
White Plains, N.Y. 10605
Tel: (914) 949-8300

AREAS OF INTEREST: Psychiatry, clinical psychology, neurology, and some general medicine.

NEW YORK COLLEGE OF PODIATRIC MEDICINE

HOLDINGS: About 7,000 items, including books, journals, and monographs, with emphasis on current clinical and research needs; a special collection of historical works in psychiatry, especially the 19th century, including some journals.

INFORMATION SERVICES: The Library is open to professional persons by appointment according to need.

NEW YORK SCIENTISTS' COMMITTEE FOR PUBLIC INFORMATION, INC.

1298 30 East 68th St.
New York, N.Y. 10021
Tel: (212) 737-7303

AREAS OF INTEREST: Lead poisoning; water, noise, and air pollution; electric power and the environment; pesticides; scientific basis of war; population; biological effects of radiation; drug use and abuse; health care delivery systems; biology of human differences; urban transportation; occupational health.

PUBLICATIONS: Newsletter, reports, fact sheets, testimony.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and abstracting and indexing services; makes referrals to other sources of information; furnishes speakers.

NEW YORK STATE AGRICULTURAL EXPERIMENT STATION, GENEVA

1299 Geneva, N.Y. 14456
Tel: (315) 787-2214

AREAS OF INTEREST: Fruits and vegetables (planting, pest and insect control, disease control, processing, development of improved varieties); agricultural and food processing industries; chemistry; bacteriology.

HOLDINGS: Books, journals, other items.

PUBLICATIONS: Technical reports and bulletins.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services.

NEW YORK STATE ASSOCIATION OF MILK AND FOOD SANITARIANS

1300 118 Stocking Hall
Cornell University
Ithaca, N.Y. 14850
Tel: (607) 256-3262

NEW YORK STATE DEPARTMENT OF HEALTH

AREAS OF INTEREST: Milk and food product production, processing, sanitation, and regulation.

PUBLICATIONS: Annual report containing papers presented at the Association's annual conference.

INFORMATION SERVICES: Answers inquiries.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

1301 Albany, N.Y. 12201

Location:

50 Wolf Rd.

Albany, N.Y.

Tel: (518) 457-5400 (General information)

(518) 457-3720 (Conservation education and line conservation activities)

(518) 457-3495 (Water resources information)

AREAS OF INTEREST: Water resources planning and development; intermunicipal water supply planning; water quality; air quality; solid wastes; fish and wildlife; forest and land use; mineral resources; natural beauty; pesticide control; public education; forest preserves; flood prevention and control; outdoor recreational resources.

PUBLICATIONS: *The Conservationist* (bimonthly); Bulletin series describing water resources investigations conducted in cooperation with the U.S. Geological Survey; annual report. A publications list is available.

INFORMATION SERVICES: Answers inquiries on specific problems; makes referrals.

NEW YORK STATE DEPARTMENT OF HEALTH

Bureau of Narcotic Control

1302 New York State Department of Health

855 Central Ave.

Albany, N.Y. 12206

Tel: (518) 457-5011 or 457-3038

AREAS OF INTEREST: Narcotic addiction and drug abuse (narcotics, depressants, stimulants, hallucinogens); drug control; drug law enforcement; preventive education; certification and inspection of methadone maintenance treatment programs.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

1305

Division of General Engineering and Radiological Health

1303 New York State Department of Health

845 Central Ave.

Albany, N.Y. 12206

Tel: (518) 457-2072

AREAS OF INTEREST: Water supply; milk and food; resort and recreation sanitation; radiological health; rodents and insects; hospitals; nursing homes; institutions.

HOLDINGS: Data compilations.

PUBLICATIONS: Reports and booklets (available on request).

INFORMATION SERVICES: Answers inquiries; makes referrals; permits onsite use of data files. Services are available to the general public, community organizations, control agencies, and other governmental units.

Division of Sanitary Engineering

Bureau of Rodent Control

1304 Division of Sanitary Engineering

New York State Department of Health

845 Central Ave.

Albany, N.Y. 12206

Tel: (518) 457-4080

AREAS OF INTEREST: Attractants, chemosterilants, bait, and urban rat populations; rodenticides; toxicity (mechanism of action, metabolic transformations).

HOLDINGS: Small collection of books, periodicals, and reports; unevaluated data.

PUBLICATIONS: Directories, reports, standards, specifications.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services.

The Bureau operates a research laboratory which studies attractants, chemosterilants, bait, and urban rat populations.

Library

1305 New York State Department of Health

New Scotland Ave.

Albany, N.Y. 12201

Tel: (518) 474-6172

AREAS OF INTEREST: Public health, including bacteriology, biochemistry, biophysics, chemistry, environmental health, genetics, health economics, immunology, laboratory animals, molecular biology,

1306

mycology, pathology, veterinary medicine, and virology.

HOLDINGS: 32,000 bound volumes, including 12,000 bound journals; 820 current periodicals; 150 vertical file drawers of material relevant to public health; Federal, State, and foreign government publications.

PUBLICATIONS: *Library Services Information Bulletin* (monthly, for Department distribution).

INFORMATION SERVICES: Provides reference services by mail or telephone; permits onsite use of collection by qualified scientists by appointment.

Office of Director of Public Health Research

1306 New York State Department of Health
c/o Roswell Park Memorial Institute
666 Elm St.
Buffalo, N.Y. 14203
Tel: (716) 845-3142

AREAS OF INTEREST: Public health research; kidney disease; birth defects and human genetics, including clinical research involving both biochemical and cytological techniques, genetic chemistry, embryogenesis, and cellular differentiation; environmental health, including infectious diseases, air and water pollution, solid wastes, and related social mismanagement diseases; cancer research.

PUBLICATIONS: *Division of Laboratories and Research Annual Report*; *Roswell Park Memorial Institute Annual Report*; *Kidney Disease Institute Annual Report*; *Birth Defects Institute Annual Report*.

INFORMATION SERVICES: Provides advisory services; diagnoses malignant diseases and certain veterinary medical problems.

NEW YORK STATE DEPARTMENT OF LABOR

Division of Industrial Hygiene

1307 New York State Department of Labor
80 Centre St.
New York, N.Y. 10013
Tel: (212) 488-6285 or 488-6286

AREAS OF INTEREST: Industrial hygiene; occupational and industrial medicine; toxicology; radiation protection; air pollution control; biochemistry; radiochemistry; radiophysics; textile technology; harmful effects of dust, fumes, gas, heavy metals,

NEW YORK STATE DEPARTMENT OF HEALTH

particles, aerosols, solvents, and adhesives; occupational dermatitis; pathway and fate of pollutants; safety regulation; workmen's compensation.

HOLDINGS: 1,200 books; 1,000 periodical titles; 1,000 reports; data.

PUBLICATIONS: *Industrial Hygiene Review*; reports, standards and specifications, data handbook, bibliography.

INFORMATION SERVICES: Answers inquiries; provides reference and consulting services; lends material. Services are available to Government agencies, labor, industry, educational institutions, and interested individuals.

NEW YORK STATE DEPARTMENT OF MENTAL HYGIENE

Division of Alcoholism

1308 New York State Department of Mental Hygiene
44 Holland Ave.
Albany, N.Y. 12208
Tel: (518) 474-5417

AREAS OF INTEREST: Alcoholism treatment, research, and prevention.

PUBLICATIONS: Pamphlets, reports.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; makes referrals; disseminates pamphlets.

NEW YORK STATE MEDICAL LIBRARY

1309 Albany, N.Y. 12224
Tel: (518) 474-7040

AREAS OF INTEREST: Medicine; dentistry; nursing; pharmacy, including pharmacology; forensic medicine; drug legislation; public health; veterinary medicine.

HOLDINGS: 112,000 volumes, including a collection of herbals; 1,700 serial titles; Government documents, reports.

INFORMATION SERVICES: Answers inquiries; provides reference and literature-searching services; provides duplication services free to New York State employees and for fee to others (libraries may obtain limited duplication services free); makes referrals and interlibrary loans. Services are available to

professional health personnel and other persons with professional needs.

Facilities include microfilm and microfiche reader-printers and Xerox equipment. The Library is part of New York State Interlibrary Loan and State University of New York Biomedical Communication Networks.

NEW YORK STATE NARCOTIC ADDICTION CONTROL COMMISSION

1310 Executive Park South, Stuyvesant Plaza
Albany, N.Y. 12203
Tel: (518) 457-2047

AREAS OF INTEREST: All aspects of drug abuse (physiological, psychological, social, epidemiological), including prevention, rehabilitation, and research.

HOLDINGS: 250 periodical titles; books, motion pictures, recordings.

PUBLICATIONS: *The Attack on Narcotic Addiction and Drug Abuse* (4 times a year); reprints, monographs, brochures.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and duplication services; lends films; permits onsite use of collection.

NEW YORK STATE PSYCHIATRIC INSTITUTE

Department of Neuropathology and Neurotoxicology

1311 New York State Psychiatric Institute
722 West 168th St.
New York, N.Y. 10032
Tel: (212) 568-4000 Ext. 271 or 272

AREAS OF INTEREST: Neuropathology and neurotoxicology; effects of phenothiazines and hallucinogens (LSd-25 and mescaline) upon the cellular and ultracellular constituents of the central nervous system following acute and chronic administration; toxicologic potentiation of drugs; estimation of phenothiazines, narcotics, and barbiturates in body fluids (detection of narcotics and barbiturates in urine by thin-layer chromatography; in blood by spectrophotometry analysis of barbiturates).

HOLDINGS: Small collection of books, periodicals, technical reports, and reprints of scientific articles.

PUBLICATIONS: Technical reports and articles published in scientific journals.

INFORMATION SERVICES: Answers inquiries and provides consulting services for the New York State Department of Mental Hygiene.

Library

1312 New York State Psychiatric Institute
722 West 168th St.
New York, N.Y. 10032
Tel: (212) 568-4000

AREAS OF INTEREST: Psychiatry; psychoanalysis; psychology; neurology; psychiatric nursing; social services; psychopharmacology; anthropology; witchcraft.

HOLDINGS: 29,000 books; 600 periodical titles; technical reports, staff reprints of scientific papers, an archival Freud Memorial Collection (750 books formerly owned by Sigmund Freud).

PUBLICATIONS: Current catalog, occasional papers.

INFORMATION SERVICES: Answers inquiries; provides reference, literature-searching, and duplication services; makes selected interlibrary loans; permits onsite use of collection on selective basis. Services are free and are available primarily to designated categories of students, alumni of the residents program, and professionals.

NEW YORK UNIVERSITY

Department of Psychiatry

1313 New York University Medical Center
550 First Ave.
New York, N.Y. 10016
Tel: (212) 679-3200

AREAS OF INTEREST: Investigation of acute schizophrenia and other psychoses from a behavioral, biochemical, genetic, psychopharmacological, psychophysiological, and electrophysiological viewpoint.

HOLDINGS: 5,000 reports; books, periodicals.

PUBLICATIONS: Reprints.

INFORMATION SERVICES: Answers inquiries; provides consulting services and exchanges information with scientists working in similar areas; provides reprints on request; permits onsite use of collection.

Institute of Environmental Medicine

1314 New York University Medical Center
550 First Ave.
New York, N.Y. 10016
Tel: (212) 679-3200

1315

AREAS OF INTEREST: Environmental and occupational health; environmental cancer (chemicals and radiation); fate of inhaled aerosols; inhalation toxicology; metabolism of toxic agents, including carcinogenic agents; ecological aspects of toxicology; abundance of radionuclides and trace metals.

HOLDINGS: Library collection of 2,000 volumes.

INFORMATION SERVICES: Answers brief inquiries on a professional courtesy and reciprocity basis; provides consulting services; makes referrals; permits onsite use of collection.

NEW YORK--VERMONT INTERSTATE COMMISSION ON THE LAKE CHAMPLAIN BASIN

1315 c/o Interagency Committee on Natural Resources
Montpelier, Vt. 05602
Tel: (802) 223-2311 Ext. 489

AREAS OF INTEREST: Forestry; fish and wildlife; water pollution; recreation; planning; industrial development; education; mineral resources.

INFORMATION SERVICES: Answers brief inquiries pertaining to Lake Champlain Basin; makes referrals; provides consulting services to local planning boards.

NEW YORK ZOOLOGICAL SOCIETY

1316 185th St. and Southern Blvd.
Bronx, N.Y. 10460
Tel: (212) 933-1500

Zoological Park

Bronx Park
Bronx, N.Y. 10460
Tel: (212) 933-1500

New York Aquarium

The Boardwalk at West 8th St.
Brooklyn, N.Y. 11224
Tel: (212) 266-8500

AREAS OF INTEREST: General zoology.

HOLDINGS: The Society maintains a zoo and an aquarium with living collections of amphibia, reptilia, aves, mammalia, and fish, including osteichthyes, choanichthyes, and certain invertebrates. The Society's library at the zoo contains literature, photo, and motion picture film collections.

NEW YORK-VERMONT INTERSTATE COMMISSION

PUBLICATIONS: *Zoologica* (quarterly); *Animal Kingdom* (bimonthly).

INFORMATION SERVICES: Provides consulting services, as negotiated; permits onsite reference; lends films and photos for fee.

Osborn Laboratories of Marine Science

1317 New York Aquarium
The Boardwalk at West 8th St.
Brooklyn, N.Y. 11224
Tel: (212) 266-8500

AREAS OF INTEREST: Fish life, including optimum conditions for fish and invertebrate life in captivity; ecologically balanced aquaria; fish genetics; fish diseases; water chemistry and pollution; planktonology; virology and tissue cultures; experimental embryology and teratology; parasitology; comparative pathology; microbiology; bio-organic chemistry; marine biotoxins; physiology and pharmacology; radiation; cetacean brain.

HOLDINGS: An outstanding reference library on diseases of fish, shellfish, and other aquatic animals.

INFORMATION SERVICES: Answers inquiries; provides consulting, testing, and analytical services; makes referrals; identifies aquatic organisms and causes of diseases of fish and shellfish, marine invertebrates, and marine mammals.

NORFOLK BOTANICAL GARDENS

1318 Airport Rd.
Norfolk, Va. 23518
Tel: (703) 855-0194 or 855-0195

AREAS OF INTEREST: Horticulture, plant propagation, and related subjects; gardening in the tidewater area of Virginia.

HOLDINGS: The Gardens' plant species include hundreds of varieties of camellias, azaleas, and rhododendron (plants are tested climatically in collaboration with the U.S. Department of Agriculture). A library and an information center are also maintained.

PUBLICATIONS: The Norfolk Botanical Garden Society publishes a *Monthly Bulletin on General Gardening for the Tidewater, Virginia, Area*.

INFORMATION SERVICES: The Gardens are open to the public. Answers to technical inquiries and reference services are provided without charge. Books and other library materials may be used on the premises.

NORFOLK DISTRICT MEDICAL SOCIETY

1319 22 the Fenway
Boston, Mass. 02215
Tel: (617) 836-8812

AREAS OF INTEREST: Medicine.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals.

NORTH AMERICAN ASSOCIATION OF ALCOHOLISM PROGRAMS

1320 1130 17th St. NW., Suite 615
Washington, D.C. 20036
Tel: (202) 628-1585

AREAS OF INTEREST: Alcoholism and drug problems, including legislation (Federal, State, local), education, social work, legal aspects (courts), research, and treatment (halfway houses, in-and-out-patient facilities); drug addiction.

HOLDINGS: Small collection of periodicals and reports.

PUBLICATIONS: Directories (biennial); newsletter; reports; selected papers of annual meetings; current memoranda on Federal alcoholism activities.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and literature-searching services; makes referrals. Extensive services are provided to members only.

NORTH AMERICAN GAME BREEDERS AND SHOOTING PRESERVE ASSOCIATION, INC.

1321 c/o John M. Mullin, Information Officer and
Publications Editor
Goose Lake, Iowa 52750
Tel: (319) 577-2267

AREAS OF INTEREST: Game bird breeding; shooting preserve operation; nature trails; habitat improvement; outdoor recreation.

PUBLICATIONS: Newsletter (monthly, available to nonmembers); books, pamphlets, news releases, publication lists.

INFORMATION SERVICES: Answers brief inquiries free; provides detailed answers to technical inquiries and consulting services for fee; makes referrals.

NORTH CAROLINA AGRICULTURAL EXPERIMENT STATION

see North Carolina State University at Raleigh

NORTH CAROLINA DEPARTMENT OF AGRICULTURE

Division of Entomology

1322 North Carolina Department of Agriculture
P.O. Box 27647
Raleigh, N.C. 27611
Tel: (919) 829-7262

AREAS OF INTEREST: Regulatory entomology, plant pathology, and nematology as related to plant protection in North Carolina.

HOLDINGS: Extensive insect collection for identification and comparative study, including card index files containing 2 million records; extensive slide collection of collembola; extensive library on entomology, plant pathology, and nematology.

PUBLICATIONS: Lists of all recorded insects, other arthropods, and nematodes of North Carolina; short papers published irregularly in scientific journals.

INFORMATION SERVICES: Answers inquiries; provides consulting services; identifies plants and plant pests; makes referrals; permits onsite use of collection by trained biologists.

Seed Testing Division

1323 North Carolina Department of Agriculture
Raleigh, N.C. 27602
Tel: (912) 829-3930

AREAS OF INTEREST: Testing of seeds for germination ability and planting quality; identification of seeds.

HOLDINGS: 1,100 seed specimens.

PUBLICATIONS: *North Carolina Seed Law and Rules, Regulations, Definitions, and Standards under the Seed Law.*

INFORMATION SERVICES: Answers inquiries; identifies seed specimens; accepts seed samples for testing from farmers and seedsmen within the State; permits onsite use of collection.

Soil Testing Division

1324 North Carolina Department of Agriculture
Raleigh, N.C. 27601
Tel: (919) 834-3611 Ext. 335

AREAS OF INTEREST: Soil analysis.

1325

HOLDINGS: Soil samples, data compilations, maps and charts, books, periodicals, newsletters, pamphlets, motion pictures, photos, slides.

INFORMATION SERVICES: Answers inquiries; analyzes soil samples for farmers; provides consulting services; makes referrals; lends films and slides.

NORTH CAROLINA DEPARTMENT OF CONSERVATION AND DEVELOPMENT

Division of Commercial and Sport Fisheries

- 1325** North Carolina Department of Conservation
and Development
P.O. Box 769
Morehead City, N.C. 28557
Tel: (919) 726-7021

AREAS OF INTEREST: Marine fisheries and estuarine habitat.

HOLDINGS: Small collection of reports.

PUBLICATIONS: Scientific and other reports.

INFORMATION SERVICES: Answers inquiries.

NORTH CAROLINA DEPARTMENT OF MENTAL HEALTH

Division on Alcoholism

- 1326** North Carolina Department of Mental Health
P.O. Box 26327
Raleigh, N.C. 27611

Location:
325 North Salisbury St.
Raleigh, N.C.
Tel: (919) 829-4665

AREAS OF INTEREST: Alcoholism (the illness, the family, treatment resources, medical and psychiatric treatment, Alcoholics Anonymous); alcohol in the human body (metabolism, biochemistry, physiology, etc.).

HOLDINGS: Small collection of periodicals.

PUBLICATIONS: Indexes, directories, bibliographies, pamphlets, brochures. Single copies of pamphlets and brochures are available free.

INFORMATION SERVICES: Answers inquiries.

NORTH CAROLINA DEPARTMENT OF CONSERVATION

NORTH CAROLINA MUSEUM OF NATURAL HISTORY

- 1327** P.O. Box 27647
Raleigh, N.C. 27611

Location:
101 Halifax St.
Raleigh, N.C.
Tel: (919) 829-7451

AREAS OF INTEREST: Natural history in North Carolina.

HOLDINGS: 27,000 specimens; 2,400 books; 6,000 journals; 3,900 pamphlets; 6,400 photos; slides, data compilations, maps, charts.

PUBLICATIONS: Biennial report.

INFORMATION SERVICES: Answers inquiries; provides consulting and identification services; provides short lists of literature citations in response to specific inquiries; makes referrals; permits onsite use of collections by qualified researchers.

NORTH CAROLINA STATE BOARD OF HEALTH

Public Health Library

- 1328** North Carolina State Board of Health
P.O. Box 28047
Raleigh, N.C. 27611
Tel: (919) 829-7389

AREAS OF INTEREST: Medicine and public health.

HOLDINGS: 5,700 books; journals, films, reviews.

INFORMATION SERVICES: Answers inquiries; provides reference and literature-searching services; permits onsite use of collection.

NORTH CAROLINA STATE UNIVERSITY AT RALEIGH

Animal Science Department

Animal Disease Section

- 1329** Animal Science Department
North Carolina State University
P.O. Box 5658
Raleigh, N.C. 27607
Tel: (919) 755-2738

NORTH CAROLINA STATE UNIVERSITY AT RALEIGH

1335

AREAS OF INTEREST: Veterinary parasitology; nutrition and diseases of neonatal pigs; secretion and ejection of milk.

PUBLICATIONS: Technical articles in journals.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

D. H. Hill Library

1330 North Carolina State University
Raleigh, N.C. 27607
Tel: (919) 755-2844

AREAS OF INTEREST: Physical sciences; engineering; applied mathematics; textiles; architecture; agriculture; forestry; wood products; tobacco; education; biological sciences; genetics; entomology; statistics; liberal arts.

HOLDINGS: 500,000 books; 6,000 periodical titles; 50,000 technical reports; extensive collection of handbooks, manuals, standards, data sheets, dictionaries, and Government documents.

INFORMATION SERVICES: Answers inquiries; provides reference, literature-searching, and duplication services; makes interlibrary loans. Extended services are available to University personnel only, except services provided to industry by the Library's Technical Information Center.

Department of Crop Science

1331 North Carolina State University
P.O. Box 5155
Raleigh, N.C. 27607
Tel: (919) 755-2647

AREAS OF INTEREST: Agronomy; plant breeding; biochemistry; cytogenetics; plant physiology and weed science.

HOLDINGS: Small collection of reports.

PUBLICATIONS: Research reports, Experiment Station and Extension Service circulars.

INFORMATION SERVICES: Answers inquiries; provides consulting services. A fee may be charged for consulting services. Services are available to North Carolina residents, to scientific personnel at Government-sponsored agencies, and to research personnel with private industries.

Department of Horticultural Science

1332 North Carolina State University
Raleigh, N.C. 27607
Tel: (919) 755-3131

AREAS OF INTEREST: All horticultural crops, including fruit, vegetable, nursery, and commercial greenhouse crops.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Journal articles, experiment station bulletins.

INFORMATION SERVICES: Answers inquiries; provides advisory services through the Cooperative Extension Service; disseminates publications.

Department of Poultry Science

1333 North Carolina State University
P.O. Box 5307
Raleigh, N.C. 27607
Tel: (919) 755-2626

AREAS OF INTEREST: Nutrition; genetics; physiology; pathology; embryology; management; economics.

HOLDINGS: Small collection of periodicals and reports.

PUBLICATIONS: Bibliographies, reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services; conducts research on fee basis.

Department of Soil Science

1334 North Carolina State University
P.O. Box 5907
Raleigh, N.C. 27607
Tel: (919) 755-2655

AREAS OF INTEREST: Soil science, including soil chemistry, soil physics, soil microbiology, soil fertility and fertilizers, soil genesis and classification, soil management, soil-plant relations, forest soils, tropical soils, nonfarm (urban-suburban) interpretations of soil properties and agricultural soil surveys, pollution-contamination of soils by pesticides, and water pollution by fertilizers and pesticides applied to soils.

HOLDINGS: 500 books; 25 periodical titles.

PUBLICATIONS: *Information Series Bulletin* (irregular).

INFORMATION SERVICES: Answers inquiries; makes referrals.

Institute of Biological Sciences

1335 School of Agriculture and Life Sciences
North Carolina State University
Box 5306
Raleigh, N.C. 27607
Tel: (919) 755-2665

The Institute of Biological Sciences comprises the Departments of Botany, Biochemistry, Entomology, Genetics, Microbiology, Plant Pathology, and Zoology. Its goals are to promote excellence in teaching and research in basic biology and to encourage and coordinate multidisciplinary programs in all areas of biology embraced by the above Departments.

AREAS OF INTEREST: Multidisciplinary and/or interdepartmental programs in the biological sciences, especially in taxonomy, cell biology, quantitative genetics, microbial genetics, marine biology, toxicology, environmental biology, and pest management.

HOLDINGS: The Institute uses the collections of the University Library.

PUBLICATIONS: Journal articles, annual report.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals.

The Institute has access to an IBM/360 model 75 in the Research Triangle Institute, which is shared by the Universities of North Carolina at Chapel Hill, Duke, and North Carolina State, and to an IBM 1130 and IBM/360 model 40 located on the North Carolina State University campus.

North Carolina Agricultural Experiment Station

1336 North Carolina State University
P.O. Box 5847
Raleigh, N.C. 27607
Tel: (919) 755-2717

AREAS OF INTEREST: Production, utilization, and marketing of field crops, horticultural crops, livestock, and poultry; forestry; wood and paper science; marine biology; environmental quality; conservation; wildlife resources and recreation; basic biological sciences, including biochemistry, botany, entomology, genetics, microbiology, plant pathology, and zoology; plant environment control; experimental statistics; economics; rural sociology; biological and agricultural engineering.

HOLDINGS: 550,000 books; 6,500 journal titles.

PUBLICATIONS: *Research and Farming* (quarterly); *Tarheel Farm Economist* (monthly); *Agricultural Policy Review* (quarterly); *Tobacco Abstracts* (monthly); data handbook, technical reports and bulletins, bibliographies, standards and specifications.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services.

Tobacco Literature Service

1337 205 D. H. Hill Library
North Carolina State University

NORTH CAROLINA STATE UNIVERSITY AT RALEIGH

Raleigh, N.C. 27607
Tel: (919) 755-2836 or 755-2837

AREAS OF INTEREST: Tobacco, including chemical and physical properties, climatological factors, cultural practices, diseases (general, bacterial, flowering plants, fungus, nematodes, virus), economics, marketing, production, policy, genetics and varieties, harvesting and curing, insects, manufacturing technology, physiology and biochemistry, and seedling production.

HOLDINGS: 36,892 abstracts; 328 reprints. The Tobacco Literature Service uses the collections of the D. H. Hill Library at the University.

PUBLICATIONS: *Tobacco Abstracts* (monthly, with annual author and subject index; free to nonprofit organizations); *Tobacco Reprints Series*; occasional publications, including bibliographies and theses.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, literature-searching, abstracting, translation, and duplication services; makes referrals; makes interlibrary loans; permits onsite use of collection.

NORTH DAKOTA AGRICULTURAL EXPERIMENT STATION

1338 North Dakota State University
State University Station
Fargo, N. Dak. 58102
Tel: (701) 237-7655

AREAS OF INTEREST: Agricultural sciences.

HOLDINGS: An extensive collection of books, journals, and technical reports; plant and animal specimens; soil samples.

PUBLICATIONS: *Farm Research* (bimonthly); bulletins.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services; permits onsite reference.

NORTH DAKOTA COMMISSION ON ALCOHOLISM

1339 State Capitol
Bismarck, N. Dak. 58501
Tel: (701) 224-2766

AREAS OF INTEREST: Alcohol and alcoholism (prevention, treatment, rehabilitation, public education).

HOLDINGS: Small collection of books, periodicals, and reports; motion pictures.

PUBLICATIONS: *Alcohol in Our Society*; reports, bibliographies, books.

INFORMATION SERVICES: Answers inquiries; provides reference services; distributes alcohol literature (single copies free); makes materials, motion pictures, and speakers available for programs and school assemblies; conducts extension and summer school courses.

NORTH DAKOTA DEPARTMENT OF HEALTH

1340 State Capitol Bldg.
Bismarck, N. Dak. 58501
Tel: (701) 224-2372

AREAS OF INTEREST: Public health and environmental control in North Dakota.

HOLDINGS: Small reference library.

PUBLICATIONS: Annual report.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides short lists of literature citations in response to specific inquiries; permits onsite use of collection; lends some materials. Services are primarily for North Dakota citizens, although some exceptions are made.

NORTH DAKOTA GAME AND FISH DEPARTMENT

1341 2121 Lovett Ave.
Bismarck, N. Dak. 58501
Tel: (701) 224-2180

AREAS OF INTEREST: Fish and wildlife research and management in North Dakota; conservation; land acquisition; fishkills; pollution; pesticides; game and fish law enforcement.

HOLDINGS: 800 fish, bird, and mammal specimens; 6,500 photos; 65 motion pictures; 800 maps and charts; 6,500 reports; 1,300 books; 2,100 periodicals; 1,300 abstracts; 2,300 reprints; 600 pamphlets; 100 bibliographies; press releases, clippings, data.

PUBLICATIONS: *North Dakota Outdoors* (monthly); annual report.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services; permits onsite use of collection.

NORTH DAKOTA STATE LABORATORIES DEPARTMENT

1342 Box 937
Bismarck, N. Dak. 58501
Tel: (701) 224-2485 or 224-2486

AREAS OF INTEREST: Enforcement of laws affecting labeling and purity of products offered for sale within the State (foods, drugs, beverages, cosmetics, petroleum products, paints and varnishes, pesticides, commercial feeds and fertilizers, livestock medicines, antifreezes for engine cooling systems, etc.) and licensing and sanitation of designated categories of public establishments in the State; analysis of well waters for home and farm use and of water intended for irrigation.

PUBLICATIONS: Bulletins giving test results of various products are published periodically, including *Paint Bulletin*, *Food and Drug Bulletin*, *Petroleum Products Bulletin*, *Feed*, *Fertilizer*, and *Pesticide Bulletin*, and *Antifreeze Products Bulletin*.

INFORMATION SERVICES: Answers inquiries; disseminates bulletins (a fee is charged for out-of-State requests).

NORTH DAKOTA STATE UNIVERSITY

Department of Plant Pathology

1343 North Dakota State University
College Station
 Fargo, N. Dak. 58102
Tel: (701) 237-7561

AREAS OF INTEREST: Plant pathology, plant virology, and mycology.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Popular and scientific papers.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; operates a plant disease diagnostic laboratory. Services are primarily for North Dakota residents.

Herbarium

1344 North Dakota State University
State University Station
 Fargo, N. Dak. 58102
Tel: (701) 235-6411

AREAS OF INTEREST: Systematic botany, with emphasis on native and naturalized North Dakota plants.

HOLDINGS: Plant specimens.

1345

INFORMATION SERVICES: Provides consulting services; identifies plant specimens; lends plant specimens to educational institutions and bona fide researchers; permits onsite use of collection by arrangement.

NORTHEAST LOUISIANA UNIVERSITY

School of Pharmacy

1345 Northeast Louisiana University
4001 DeSiard Rd.
Monroe, La. 71201
Tel: (318) 372-2180

AREAS OF INTEREST: Pharmacy, including pharmacology and pharmacognosy; acute and chronic toxicities of selected drugs; herbicides; insecticides; pesticides; poisonous plants; heavy metals; teratism; hallucination.

HOLDINGS: Poison and adverse drug reaction indexes; small collection of books, periodicals, and reports.

PUBLICATIONS: Quarterly bulletin.

INFORMATION SERVICES: Answers inquiries; makes referrals. Services are provided to responsible health personnel only, and are provided at cost to some users and free to others.

NORTHEAST WATER SUPPLY LABORATORY

see Environmental Protection Agency. Office of Water Programs

NORTHEASTERN POULTRY PRODUCERS COUNCIL, INC.

1346 322 Oxford Valley Rd.
Fairless Hills, Pa. 19030
Tel: (215) 547-0190

AREAS OF INTEREST: Production and marketing of eggs, chickens, turkeys, and ducks; egg quality, including quality maintenance and control programs; poultry industry careers.

HOLDINGS: Extensive collection of poultry trade journals and periodicals; books, reports, data.

PUBLICATIONS: *NEPPCO News* (monthly).

INFORMATION SERVICES: Provides consulting and reference services.

NORTHEAST LOUISIANA UNIVERSITY

NORTHEASTERN WEED CONTROL CONFERENCE

1347 c/o Dr. Arthur Bing, Vice President
Cornell Ornamentals Research Laboratory
Farmingdale, N.Y. 11735
Tel: (516) 249-1540

AREAS OF INTEREST: Weed control, including weed control in marsh and pond areas; weed control aspects of conservation and forestry; herbicides.

PUBLICATIONS: *Proceedings of the Northeastern Weed Control Conference* with a supplement, containing data on weed control contributed by researchers participating in the Conference; *Responses of Crops and Weeds to New Chemicals*; newsletter.

INFORMATION SERVICES: Answers inquiries; makes referrals.

NORTHERN ARIZONA UNIVERSITY

School of Forestry

1348 Northern Arizona University
Flagstaff, Ariz. 86001
Tel: (602) 523-3031

AREAS OF INTEREST: Forestry, including range, recreation, and watershed management and wood technology.

HOLDINGS: Several thousand specimens of trees, plants, seeds, and wood; over 1,000 maps and charts; books, journals, technical reports, reviews, abstracts, newsletters, reprints, publication lists, bibliographies, pamphlets, data compilations, and unevaluated data.

INFORMATION SERVICES: Answers inquiries; provides consulting and timber testing services; identifies trees and plants; prepares analyses; makes referrals; permits onsite use of collections. Fees may be charged for extensive services and for services to out-of-State residents.

NORTHERN MICHIGAN UNIVERSITY

Department of Biology

1349 Northern Michigan University
Presque Isle Ave.
Marquette, Mich. 49855
Tel: (906) 227-3837

AREAS OF INTEREST: *Heleomyzidae* (family of flies of the order diptera).

NORTHWESTERN UNIVERSITY

1354

HOLDINGS: Bibliography (on cards) of approximately 500 titles on Heleomyzidae.

PUBLICATIONS: "The Heleomyzid Flies of America North of Mexico" (in *Proceedings of U.S. National Museum* vol. 113, p. 495-603).

INFORMATION SERVICES: Identifies specimens from North America (free of charge if specimens are first sorted to exclude non-Heleomyzidae).

NORTHERN NEW ENGLAND ACADEMY, INC.

1350 P.O. Box 67
St. Johnsbury, Vt. 05819
Tel: (802) 748-2311

AREAS OF INTEREST: Medical and paramedical post-graduate, continuing education; medical technologist training.

HOLDINGS: Small collection of books, periodicals, and reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Services are provided free to qualified medical and paramedical users.

NORTHWEST PULP AND PAPER ASSOCIATION

1351 2633 Eastlake Ave. East
Seattle, Wash. 98102
Tel: (206) 325-3277

AREAS OF INTEREST: Pulp and paper industry of Oregon and Washington, including research, equipment, economics, and legislation; effect of pulp and paper industry operations on air and water in the Pacific Northwest.

HOLDINGS: Books, journals, reports, reprints, reviews, motion pictures, slides, posters, data.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides bibliographic services.

NORTHWESTERN STATE COLLEGE OF LOUISIANA

Film Library

1352 Northwestern State College of Louisiana
Natchitoches, La. 71457
Tel: (318) 357-5213

AREAS OF INTEREST: Films in the physical and biological sciences and related areas, including engineering.

HOLDINGS: 5,000 16mm motion picture films.

PUBLICATIONS: Directory.

INFORMATION SERVICES: Lends films to State agencies and organizations and to all schools and school systems in Louisiana.

NORTHWESTERN UNIVERSITY

Biology Library

1353 Northwestern University
Swift Hall, Room 12
Evanston, Ill. 60201
Tel: (312) 492-5633

AREAS OF INTEREST: Biological sciences, including biochemistry and molecular biology, developmental biology, experimental biology, and environmental biology.

HOLDINGS: 40,000 volumes; 550 periodical titles.

INFORMATION SERVICES: Answers inquiries; provides reference and duplication services; makes interlibrary loans; conducts Science Citation Index searches; permits onsite use of collection. Services are primarily for faculty and students, but are also available to bona fide scholars, scientists, and others engaged in serious inquiry and investigation.

Dental School Library

1354 Northwestern University
311 East Chicago Ave.
Chicago, Ill. 60611
Tel: (312) 649-8332

AREAS OF INTEREST: Dentistry, including oral surgery, oral biology, endodontics, orthodontics, pedodontics, periodontics, prosthodontics, oral pathology, dental public health, dental anthropology and paleontology, anesthesia (local and general), dental history, dental ethics, dental jurisprudence, forensic dentistry, practice management, and drugs.

HOLDINGS: 46,160 books, including 1,181 rare books; 12,299 pamphlets; 670 current periodical subscriptions; 1,521 photographs.

PUBLICATIONS: *NUDSL Acquisitions List* (bimonthly); *Current Subscriptions List*, *Subject List of Current Periodicals*, *Suggested Dental Books and Periodicals for a Non-Dental Library with a Dental*

1355

Hygiene Curriculum, Dental Books and Journals for a Hospital Library, and Guide to NUDS Library (all annual).

INFORMATION SERVICES: Answers inquiries; provides reference and literature-searching services; provides duplication services for fee; makes interlibrary loans; permits onsite use of collection. Fees may be charged for extensive services.

Medical Library

1355 Northwestern University
303 East Chicago Ave.
Chicago, Ill. 60611
Tel: (312) 649-8126

AREAS OF INTEREST: Medicine.

HOLDINGS: 180,000 books; 2,000 periodical titles; representative collection in history of medicine; portrait file (approximately 5,000).

PUBLICATIONS: Acquisition lists.

INFORMATION SERVICES: Answers inquiries; provides consulting services; provides duplication services for fee; makes referrals; makes interlibrary loans; permits onsite use of collection.

NORWICH HOSPITAL

Abraham Ribicoff Research Center

1356 Norwich Hospital
P.O. Box 508
Norwich, Conn. 06360
Tel: (203) 889-7361

AREAS OF INTEREST: Biochemistry, especially biological studies concerning brain functions; neurophysiology; cytogenetics; psychology; psychiatry; psychosocial aspects of mental health; pharmacology.

INFORMATION SERVICES: Provides consulting services to professional personnel, University departments, and community mental health agencies.

NUCLEAR DEFENSE LABORATORY

see Army, Department of the. Army Materiel Command

NUCLEAR SAFETY INFORMATION CENTER

see Oak Ridge National Laboratory

NORTHWESTERN UNIVERSITY

NUTRITION FOUNDATION, INC.

1357 99 Park Ave.
New York, N.Y. 10016
Tel: (212) 687-4830

AREAS OF INTEREST: Nutrition research and education.

HOLDINGS: A small technical library restricted to internal staff use.

PUBLICATIONS: *Nutrition Reviews* (monthly journal, by subscription); technical monographs and non-technical booklets (both irregular).

INFORMATION SERVICES: Answers inquiries related to specific aspects of human nutrition; provides non-technical publications to students, teachers, and professionals in limited quantities on request.

OAK RIDGE ASSOCIATED UNIVERSITIES LIBRARY

1358 P.O. Box 117
Oak Ridge, Tenn. 37830
Tel: (615) 483-8611

AREAS OF INTEREST: Nuclear science; basic sciences as related to nuclear science.

HOLDINGS: 23,000 books; 21,000 journals; 106,000 reports.

INFORMATION SERVICES: Permits onsite reference; makes interlibrary loans.

OAK RIDGE NATIONAL LABORATORY

Biogeochemical Ecology Information Center

1359 Building 2001, X-10
Oak Ridge National Laboratory
Oak Ridge, Tenn. 37830
Tel: (615) 483-8611 Ext. 31410

The Center is supported by the Atomic Energy Commission and the Ford Foundation.

AREAS OF INTEREST: Stability and change in ecological systems; distribution of dry matter, elements, isotopes, and energy in ecosystems; rates of turnover of the foregoing variables in system pools; matrices of transfer rates between specific compartments or subsystems; mathematical models of flux of material, energy, and momentum in environments of different regions as they bear on biogeochemistry, pollution (radioactive and other), and development of systems analysis.

nual uptake and restitution of elements from ecosystems.

PUBLICATIONS: *International Biological Program Information Meetings; Mathematical Models of Natural Systems: Analysis of Stability and Change in Ecosystems*; directories, bibliographies, critical reviews, data compilations.

INFORMATION SERVICES: Answers inquiries; provides literature-searching services; analyzes data; conducts seminars; distributes publications. Services are provided by individual arrangement only and primarily for AEC-supported and NSF-supported investigators and personnel of the National Academy of Sciences and the Ford Foundation.

Environmental Mutagen Information Center

1360 Biology Division
Oak Ridge National Laboratory
P.O. Box Y
Oak Ridge, Tenn. 37830
Tel: (615) 483-8611 Ext. 3-7998, 3-7663, or 3-7072

The Center is sponsored, in part, by the Food and Drug Administration, National Cancer Institute, National Institute of Environmental Health Sciences, National Science Foundation, Environmental Mutagen Society, and the Atomic Energy Commission. Its goal is to accumulate, digest, abstract, and store all information concerning every compound tested for mutagenicity, and, eventually, to extend its data collection functions to include all compounds which, due to their biological activities, indicate a potential mutagen.

AREAS OF INTEREST: Mutagenicity; teratogenicity; cytotoxicity; effect of chemicals on nucleic acid, chromosomes, mitotic division, meiotic division, oogenesis, and spermatogenesis.

PUBLICATIONS: *Environmental Mutagen Society Newsletter Supplements*; abstracts, state-of-the-art reviews, critical reviews, bibliographies.

INFORMATION SERVICES: Answers inquiries; provides consulting, data evaluation, reference, literature-searching, abstracting, and translation services; makes referrals; distributes publications as funds are available.

Information Center for Internal Exposure

1361 Health Physics Division
Oak Ridge National Laboratory
Oak Ridge, Tenn. 37830
Tel: (615) 483-8611 Ext. 3-1165

of maximum permissible concentrations of radionuclides in air, water, and food; body-burden calculations; metabolic questions involved in estimating internal exposure.

HOLDINGS: About 5,000 abstracts of reports and some unpublished reports.

INFORMATION SERVICES: Answers inquiries; conducts literature searches; prepares data compilations. Services are primarily for Government agencies, their contractors, and official radiological protection committees, but inquiries from other sources are honored as workload permits.

Isotopes Information Center

1362 Oak Ridge National Laboratory
P.O. Box X
Oak Ridge, Tenn. 37830
Tel: (615) 483-8611 Ext. 3-1742

AREAS OF INTEREST: Radioisotopes (sources, irradiators, targets, enrichment, production); uses of radioisotopes in technology, physical sciences, medicine, agriculture, and other life sciences; uses as energy sources; safety, detection, and determination of radioisotopes.

PUBLICATIONS: *Isotopes and Radiation Technology* (one of the AEC Technical Progress Reviews); bibliographies, state-of-the-art reviews.

INFORMATION SERVICES: Answers inquiries on topics related to the Center's areas of interest and on current research and development projects; provides references and bibliographies on request; renders technical evaluation of the accuracy, quality, and/or significance of information; provides limited technical consulting services.

Nuclear Safety Information Center

1363 Oak Ridge National Laboratory
P.O. Box Y
Oak Ridge, Tenn. 37830
Tel: (615) 483-8611 Ext. 3-7253

AREAS OF INTEREST: All aspects of nuclear safety, such as general criteria, analysis, and operating systems; accident analysis; environmental surveys; monitoring and radiation exposure of man; siting and containment of facilities; transporting and handling of radioactive materials; reactor transients, kinetics, and stability; nuclear instrumentation, control, and safety systems; effects of thermal modifications on ecological systems; effects of radionuclides and ionizing radiation on ecological systems.

1364

HOLDINGS: Reference file, indexed in depth, of information in the above areas; documents on nuclear safety, such as reactor safety analysis reports.

PUBLICATIONS: The Technical Progress Review *Nuclear Safety* (bimonthly); state-of-the-art reports.

INFORMATION SERVICES: Answers inquiries; provides bibliographic, "current awareness", and technical consulting services; permits onsite use of document collection. Services are available to U.S. Government agencies and their contractors, research and educational institutions, and industry.

Oak Ridge National Laboratory Library

1364 P.O. Box X
Oak Ridge, Tenn. 37831
Tel: (615) 483-8611 Ext. 3-6836

AREAS OF INTEREST: Nuclear science and engineering; chemistry; physical mathematics; metallurgy; biological sciences.

HOLDINGS: 11,500 books; 95,000 journals; 320,000 reports; 20,000 translations.

PUBLICATIONS: Accessions list, index.

INFORMATION SERVICES: Provides reference services; makes interlibrary loans; permits onsite reference by qualified representatives of industrial or educational organizations.

Radiation Shielding Information Center

1365 Oak Ridge National Laboratory
P.O. Box X
Oak Ridge, Tenn. 37830
Tel: (615) 483-8611 Ext. 3-6944

AREAS OF INTEREST: Shielding protection from radiation from reactors, weapons, radioisotopes, accelerators, and space.

HOLDINGS: Digital-computer codes for shielding calculations, data handling, or cross section preparation (available for distribution); shielding literature on microfiche.

PUBLICATIONS: Newsletter (monthly, with accessions list); state-of-the-art reviews, data compilations, indexed bibliographies.

INFORMATION SERVICES: Answers inquiries; provides literature-searching and technical consulting services; operates a selective dissemination-of-information program. Services are available to all scientific and technical personnel.

OAK RIDGE NATIONAL LABORATORY

OAKLAND OFFICE OF PARKS AND RECREATION

The Park Naturalist

1366 Department of Visitor Services
Oakland Office of Parks and Recreation
1520 Lakeside Dr.
Oakland, Calif. 94612
Tel: (415) 273-3739

AREAS OF INTEREST: Native waterfowl, including migration and banding; mammals; reptiles; plants; conservation and local natural history.

HOLDINGS: Living specimens of waterfowl, mammals, reptiles, and plants; waterfowl mounts; collection of small mammal study skins; slides.

INFORMATION SERVICES: Answers brief inquiries; provides limited consulting services; identifies some botanical and bird specimens; makes referrals; lends slides; aids students in conservation studies and projects and special studies on marine life and waterfowl; conducts guided tours for schools and other groups; conducts scheduled weekend walks; gives lectures; permits onsite use of collection.

OBERLIN COLLEGE

Herbarium

1367 Oberlin College
Kettering Hall of Science
West Lorain St.
Oberlin, Ohio 44074

AREAS OF INTEREST: Plant taxonomy, with emphasis on flowering plants, ferns, and pore fungi from Ohio, the United States, Europe, and, to a lesser extent, other parts of the world.

HOLDINGS: Dried plants (26,000 specimens) mounted on herbarium paper in herbarium cases.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; permits onsite reference; lends specimens to colleges, universities, and herbaria (the borrower pays shipping costs).

THE OCEANIC FOUNDATION

1368 Makapuu Point
Waimanalo, Hawaii 96795
Tel: (808) 259-7951

AREAS OF INTEREST: Marine biology, conservation, ecosystems, and engineering; cetacea (porpoises and related marine mammals); porpoise sonar; marine fauna; animal behavior; fisheries management and technology; deep diving and submergence.

HOLDINGS: 500 specimens; 1,000 books; 100 abstracts and indexes; 10,000 reprints; 200 standards and specifications; 150 photos; 150 slides; magnetic tapes, motion pictures, recordings, technical reports, periodicals, maps, charts, posters and display materials, newsletters, publication lists, bibliographies, pamphlets, press releases, clippings, models of local geology. The Foundation supervises the operation of Sea Life Park, a public oceanarium park.

PUBLICATIONS: Brochure.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting and limited bibliographic services; permits onsite use of literature collection by scientists, newspapermen, and organization members.

OCEANIC RESEARCH INSTITUTE

1369 P.O. Box 2369
La Jolla, Calif. 92037

Location:

6811 La Jolla Blvd.
La Jolla, Calif.
Tel: (714) 459-2654

AREAS OF INTEREST: Oceanography.

HOLDINGS: Books, periodicals, reports, journals, Government publications, pamphlets, computer tapes.

PUBLICATIONS: *Oceanic Index* (3 issues a year); *Oceanic Citation Journal* (9 issues a year).

INFORMATION SERVICES: Provides reference, literature-searching, indexing and abstracting, and photocopying services.

OHIO ACADEMY OF SCIENCE

1370 505 King Ave.
Columbus, Ohio 43201
Tel: (614) 299-9097

AREAS OF INTEREST: Medical sciences; plant sciences; geology; physics; astronomy; geography; chemistry; anthropology; sociology; conservation; training and certification of science teachers; zoology; genetics; mathematical sciences; psychology.

HOLDINGS: The Academy's collections are deposited in the Ohio State University library.

PUBLICATIONS: *The Ohio Journal of Science* (bimonthly, published jointly with Ohio State University); *Ohio Academy of Science News* (2 times during academic year).

INFORMATION SERVICES: Answers inquiries; makes referrals; advises community organizations and schools in establishing science clubs and local science days; maintains free visiting scholars program for secondary schools of Ohio.

OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER

1371 Wooster, Ohio 44691
Tel: (216) 264-1021

AREAS OF INTEREST: Agricultural production, marketing, utilization, and related agribusiness; environmental quality (family and home); agricultural economics and rural sociology; agricultural engineering; agronomy; animal science; dairy science and technology; entomology; fisheries, wildlife, and outdoor recreation; forestry; home economics; horticulture; plant pathology; poultry science; veterinary science.

HOLDINGS: A 40,000-volume library of journals, abstracts, reviews, dissertations, documents, and books. A serials list is available to libraries in exchange for similar lists.

PUBLICATIONS: *Ohio Report* (bimonthly); research bulletins and circulars; research summaries. A publications list is available.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services; provides duplication services for fee; permits onsite use of collection.

OHIO BIOLOGICAL SURVEY

see Ohio State University

OHIO DEPARTMENT OF AGRICULTURE

1372 714 Ohio Departments Bldg.
65 South Front St.
Columbus, Ohio 43215
Tel: (614) 469-2732

AREAS OF INTEREST: Agriculture in Ohio.

HOLDINGS: Books, periodicals, reports.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides some laboratory services for fee.

OHIO DEPARTMENT OF HEALTH

Division of Occupational Health

1373 Ohio Department of Health
P.O. Box 118
Columbus, Ohio 43216

Location:

1030 King Ave.
Columbus, Ohio
Tel: (614) 469-4183

AREAS OF INTEREST: Occupational health.

HOLDINGS: Small collection of books, periodicals, and reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Services are primarily for Ohio industries, physicians, local health departments, labor organizations, management, and individuals concerned with potential injury to health because of their working environment.

OHIO DEPARTMENT OF NATURAL RESOURCES

Division of Wildlife

1374 Ohio Department of Natural Resources
1500 Dublin Rd.
Columbus, Ohio 43215
Tel: (614) 469-3558

AREAS OF INTEREST: Wildlife resources of Ohio; hunting and fishing.

HOLDINGS: Small working collection of data compilations, motion pictures, photos, slides, maps and charts, posters and other display materials, project records, technical reports, reprints, publication lists, pamphlets, and press releases.

PUBLICATIONS: *Ohio Conservation Bulletin* (monthly); *Game Research in Ohio* (annual); pamphlets, press releases.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services; permits onsite use of collection.

OHIO RIVER VALLEY WATER SANITATION COMMISSION

1375 414 Walnut St.
Cincinnati, Ohio 45202
Tel: (513) 421-1151

AREAS OF INTEREST: Water quality management; regulation of waste discharges; investigation of spills, accidental discharges, and fish kills.

HOLDINGS: Water quality data stored on paper tape, 2315 disk cartridge, microfiche, and IBM cards.

PUBLICATIONS: Eight 16mm films on pollution and pollution control; booklets, reports, annual report. A publications list is available.

INFORMATION SERVICES: Provides data on water quality in the Ohio River Valley (a fee may be charged if computer time is required for data assembly and printout); lends films for group showings.

Facilities include an electronic monitor system for 24-hour surveillance of river quality conditions and an IBM 1130 data processing system.

OHIO STATE UNIVERSITY

Agriculture Library

1376 Ohio State University
2120 Fyffe Rd.
Columbus, Ohio 43210
Tel: (614) 293-6125

AREAS OF INTEREST: Poultry and animal science; agricultural administration, economics, and education; dairy science and technology; horticulture; forestry; natural resources.

HOLDINGS: 35,000 books; 500 periodical titles; 1,000 reports. Foreign literature is collected in Russian, Italian, Spanish, French, and German.

INFORMATION SERVICES: Answers inquiries; makes interlibrary loans (through the Ohio State University Libraries Interlibrary Loan Office); permits onsite use of collection.

Biological Sciences Library

1377 Ohio State University
1735 Neil Ave.
Columbus, Ohio 43210
Tel: (614) 422-1744 or 422-1745

AREAS OF INTEREST: General biology; botany; zoology; entomology; genetics; microbiology; biochemis-

try; biophysics; ecology; hydrobiology; ethology; wildlife; other related subjects.

HOLDINGS: About 65,000 books, bound volumes of periodicals, and theses; 800 periodicals currently received; 20,000 reprints. Materials are received in English, German, French, Russian, Spanish, Italian, and other languages.

INFORMATION SERVICES: In addition to the student body, faculty, and staff of Ohio State University, the Library serves faculties of all state supported colleges and universities in Ohio, as well as the staffs of Chemical Abstracts and Battelle Memorial Institute. Courtesy privileges are also extended to local industry and scientists. The Library makes interlibrary loans and is a participant in the Ohio College Library Center, a statewide network of academic library resources.

Children's Hospital Library

1378 Ohio State University
17th St. at Livingston Park
Columbus, Ohio 43205
Tel: (614) 253-8841 Ext. 286

AREAS OF INTEREST: Basic medicine and pediatrics.

HOLDINGS: 7,000 books; journals, reports. Foreign sources are in Russian, Italian, Spanish, French, and German.

INFORMATION SERVICES: Provides reference and document services; makes interlibrary loans; permits onsite use of collection.

College of Biological Sciences

Franz Theodore Stone Laboratory

1379 Ohio State University
1735 Neil Ave.
Columbus, Ohio 43210
Tel: (614) 293-6305

AREAS OF INTEREST: Zoology; entomology; limnology; ichthyology; botany; algae.

HOLDINGS: Specimens of midcontinental plants and animals; 6,000 books; 2,500 slides; 50 journals.

PUBLICATIONS: Articles in appropriate journals.

INFORMATION SERVICES: Answers inquiries; provides limited consulting services; provides short lists of literature citations in response to specific inquiries; identifies biological specimens. The collection may be used onsite with permission of the director.

Department of Pharmacology

1380 College of Medicine
Ohio State University
Hamilton Hall, Room 216-B
1645 Neil Ave.
Columbus, Ohio 43210
Tel: (614) 422-8608

AREAS OF INTEREST: Pharmacology; anesthetics; antibiotics; tranquilizers; sedatives; solvents; stimulants; harmful effects of gases; poisonous plants; alkaloids; drug metabolism; heavy metals; household chemicals.

HOLDINGS: 1,000 books; 50 periodical titles.

INFORMATION SERVICES: Answers inquiries; provides consulting and laboratory services to regional and medical personnel, police, and coroner workers for negotiated fee.

Health Center Library

1381 Ohio State University
1645 Neil Ave.
Columbus, Ohio 43210
Tel: (614) 293-5246

AREAS OF INTEREST: All fields of medicine and surgery; basic medical sciences; dentistry; nursing; optometry; allied medical professions.

HOLDINGS: 90,000 books; 1,700 periodical titles; reports. Foreign materials are in Russian, Italian, Spanish, French, and German.

INFORMATION SERVICES: Provides reference and document services; makes interlibrary loans; permits onsite use of collection.

Institute for Research in Vision

1382 Ohio State University
1314 Kinnear Rd.
Columbus, Ohio 43212
Tel: (614) 293-6265

AREAS OF INTEREST: Blinding eye diseases; retinal biochemistry; retinal anatomy; retinal electrophysiology; psychophysics; interior lighting; highway and automobile lighting; atmospheric optics; photographic and electronic documentation of the atmosphere; simulators for testing visual performance.

HOLDINGS: Books, journals, reports, data.

PUBLICATIONS: Reports, conference proceedings, standards and specifications for lighting, data handbooks, bibliographies.

1383

INFORMATION SERVICES: Provides consulting services on contract basis; permits onsite reference by researchers.

Institute of Polar Studies

1383 Ohio State University
125 South Oval Dr.
Columbus, Ohio 43210
Tel: (614) 422-6531

The Institute was organized in February 1960 as an outgrowth of a reduction center for data collected during the International Geophysical Year.

AREAS OF INTEREST: Polar regions of the earth, particularly the Antarctic ice cap, the Glacier Bay area of southeast Alaska, and southwest Greenland; glaciology-geophysics; bedrock geology; glacial geology; climatology; lichenology; bacteriology; phycology; soil movement; Eskimo archaeology.

HOLDINGS: A special collection of International Geophysical Year glaciological record sheets for Greenland and Antarctica; a collection of color slides of Greenland, Alaska, and Antarctica; 150 books; 335 journals; 1,000 reports; maps, data files, pamphlets, reprints; Antarctic rock specimens and ice cores; herbarium of Pribilof and Greenland flora; pollen reference collection of living polar algae, microfungi, and lichen fungi; an Antarctic plant fossil collection.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; permits onsite reference. Reports issued by the Institute and a Contribution series are distributed to scientific personnel and exchanged with other libraries.

Ohio Biological Survey

1384 College of Biological Sciences
Ohio State University
Columbus, Ohio 43210

The Ohio Biological Survey is an interinstitutional agency of Ohio colleges and universities administered through the College of Biological Sciences of The Ohio State University.

AREAS OF INTEREST: The taxonomy, distribution, and ecology of Ohio fauna and flora.

HOLDINGS: Technical and scientific data.

PUBLICATIONS: Results of research studies are published in a numbered series of reports bearing the general title *Bulletins of the Ohio Biological Survey* and in a multilith series entitled *Ohio Biological Survey Notes*.

OHIO STATE UNIVERSITY

INFORMATION SERVICES: The Survey's publications are distributed free to members of the interinstitutional program and bulletins may be exchanged for comparable material with research institutions; others may purchase them at cost. Researchers are expected to secure advance permission for usage of Survey data.

Ohio Cooperative Wildlife Research Unit

1385 Ohio State University
1735 Neil Ave.
Columbus, Ohio 43210
Tel: (614) 422-6112

AREAS OF INTEREST: Wildlife biology, ecology, diseases, and parasites; wildlife management; pesticide-wildlife relations.

HOLDINGS: 1,000 books; 1,000 periodicals; 1,000 reports; data, museum specimens.

PUBLICATIONS: *OCWRU Quarterly Report*; technical reports, reprints of research papers.

INFORMATION SERVICES: Answers inquiries; provides consulting services without charge, chiefly for scientists, Government contractors, and special groups; permits onsite reference by researchers; directs student and personal research.

Pharmacy Library

1386 Ohio State University
207 Pharmacy Bldg.
500 West 12th Ave.
Columbus, Ohio 43210
Tel: (614) 422-8026

AREAS OF INTEREST: Pharmaceutical chemistry; pharmacology; pharmacognosy.

HOLDINGS: 12,000 books; 300 serials; reports. Languages represented are English, Russian, Japanese, and German.

INFORMATION SERVICES: Makes interlibrary loans; permits onsite use of collection.

School of Natural Resources

1387 Ohio State University
124 West 17th Ave.
Columbus, Ohio 43210
Tel: (614) 293-2265

AREAS OF INTEREST: Training, research, and continuing education in general conservation, forestry,

fisheries and wildlife management, park administration and outdoor recreation, conservation education, land use, and environmental controls.

HOLDINGS: 10,000 books, bulletins, and pamphlets; special collection on conservation education.

PUBLICATIONS: Bulletins of the Ohio Biological Survey, proceedings, reports.

INFORMATION SERVICES: Provides reference services; permits onsite use of literature collection by representatives of Federal, State, and private agencies, and by graduate students; makes interlibrary loans.

Topaz Memorial Library of Vision

1388 Ohio State University
338 West 10th Ave.
Columbus, Ohio 43210
Tel: (614) 422-2647

AREAS OF INTEREST: Optometry; ophthalmology; vision; physiological optics; geometrical optics; visual anatomy; visual physiology; visual psychology.

HOLDINGS: 2,500 books; 1,800 bound journals; 5 vertical file drawers of pamphlets, translations, bibliographies, and reports.

INFORMATION SERVICES: Provides reference and duplication services; permits onsite use of collection.

Veterinary Medicine Library

1389 Ohio State University
229 Sisson Hall
1900 Coffey Rd.
Columbus, Ohio 43210
Tel: (614) 422-6107

AREAS OF INTEREST: Veterinary anatomy, physiology, pharmacology, parasitology, medicine and preventive medicine, surgery, and radiology.

HOLDINGS: 24,467 books; 380 periodical titles; vertical file collection of pamphlets and other materials. Foreign source materials are in Russian, Italian, Spanish, French, and German.

INFORMATION SERVICES: Provides reference services; provides duplication services for fee; permits onsite use of collections; makes interlibrary loans. Services are primarily for University personnel, but others are served as time permits.

Facilities include a Readex Microcard-Microfilm Reader, Dennison Coin-Copier, Minolta copier, and an Adler coin typewriter.

Water Resources Center

1390 Ohio State University
1791 Neil Ave.
Columbus, Ohio 43210
Tel: (614) 422-6108

AREAS OF INTEREST: Water resources planning; water supply; water pollution control; industrial and municipal waste treatment; biological aspects of sanitary engineering; hydraulics; general and ground-water hydrology; water microbiology; chemical engineering of water systems, including thermodynamics and mass transfer; training programs for water and waste treatment plant operators sponsored by the Ohio Operators Training Committee.

HOLDINGS: Reference library.

PUBLICATIONS: Proceedings of symposia series on water resources research; reports on research projects; annual report of activities; reprints of articles published in technical journals. Single copies of publications are distributed free on request.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services for fee; provides specialized testing services relating to water quality and biodegradation.

Facilities include a water resources research laboratory oriented toward chemical and biological research, pilot plant facilities for waste water studies, and a field-test mine installation for acid mine drainage studies.

OHIO VEGETABLE AND POTATO GROWERS ASSOCIATION

1391 245 North High St.
Columbus, Ohio 43216
Tel: (614) 221-1141

AREAS OF INTEREST: Production, harvesting, handling, and marketing of greenhouse vegetables, potatoes, and outdoor vegetables for processing.

PUBLICATIONS: Newsletter.

INFORMATION SERVICES: Answers inquiries.

OIL SPILL INFORMATION CENTER

see University of California, Santa Barbara

OKLAHOMA AGRICULTURAL EXPERIMENT STATION

see Oklahoma State University

1392

OKLAHOMA BOARD OF AGRICULTURE

1392 122 Capitol Bldg.
Oklahoma City, Okla. 73105
Tel: (405) 521-3880

The Oklahoma Board of Agriculture is primarily a regulatory agency charged with the responsibility of enforcing the provisions of the Oklahoma Agricultural Code.

AREAS OF INTEREST: Enforcement of provisions of Oklahoma Agricultural Code; dairy industry; forestry; marketing; meat inspection; plant industry; veterinary medicine.

PUBLICATIONS: *Summary Inspection Report of Official Samples on Seed, Feed & Fertilizer; Fall and Winter Directory Alfalfa Hay for Sale; Oklahoma Wheat Quality Report; Peanut Quality Report*; annual report.

INFORMATION SERVICES: An informational representative answers telephone and mail inquiries relating to general agricultural information. Various divisions of the Board provide consulting services and information relating to the different segments of agri-business that they regulate and, in some instances, license.

Facilities include an agricultural laboratory.

OKLAHOMA CITY-COUNTY HEALTH DEPARTMENT

1393 921 Northeast 23d St.
Oklahoma City, Okla. 73105

AREAS OF INTEREST: Public health.

INFORMATION SERVICES: Answers inquiries.

OKLAHOMA COOPERATIVE WILDLIFE RESEARCH UNIT

1394 404 Life Sciences West Bldg.
Oklahoma State University
Stillwater, Okla. 74074
Tel: (405) 372-6211 Ext. 6276

AREAS OF INTEREST: Wildlife; regional ecology; population ecology; habitat identity and definition; effects of land-use practices on wildlife; wildlife diseases.

HOLDINGS: Specimens, photos, slides, maps, charts, project records, books, periodicals, reviews, abstracts, technical reports, graphs, tables, newsletters, reprints, bibliographies, pamphlets, publication lists, clippings, data.

OKLAHOMA BOARD OF AGRICULTURE

PUBLICATIONS: Reports, reprints, critical reviews, photos.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; permits onsite use of collections.

OKLAHOMA DEPARTMENT OF HEALTH

Environmental Health Services

1395 Oklahoma Department of Health
3400 North Eastern Ave.
Oklahoma City, Okla. 73105
Tel: (405) 427-6561

AREAS OF INTEREST: Radiological health; industrial health; air and water pollution control; pesticides; vector control; water quality; urban planning; sanitary engineering; entomology; liquid and solid waste disposal; efficiency of sewage treatment plants; certification of waste treatment and water plant operators; safety of domestic water supplies and public bathing places.

HOLDINGS: Books, reports, standards, journals, abstracts, preprints, announcements, bibliographies, pamphlets, project records, slides, films, maps, news releases.

PUBLICATIONS: Reports, newsletters, pamphlets, posters, charts, standards. All are available free on request.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services to municipalities and to waste treatment plants; provides bibliographic reference services; provides laboratory testing of water and sewage related to public health or water pollution.

OKLAHOMA FISHERY RESEARCH LABORATORY

1396 1416 Planck St.
Norman, Okla. 73069
Tel: (405) 325-7288

AREAS OF INTEREST: Fish and fisheries; ecology; aquatic biology.

HOLDINGS: Fish specimens; 13,000 technical reports; 200 books; 2,000 bound volumes of journals; 150 bound volumes of abstracts and indexes; 12,000 reprints; 6,000 pamphlets; publication lists, bibliographies, data compilations, unevaluated data.

PUBLICATIONS: Annual report, technical reports, reviews, reprints.

INFORMATION SERVICES: Answers brief inquiries; permits onsite use of collections by students and professionals.

OKLAHOMA MEDICAL RESEARCH FOUNDATION

1397 825 Northeast 13th St.
Oklahoma City, Okla. 73104
Tel: (405) 235-8331

The Foundation is supported through endowments and contributions and, in part, by the U.S. Public Health Service, the National Science Foundation, the American Cancer Society, and the American Heart Association.

AREAS OF INTEREST: Medical research, including biochemistry, physiology, endocrinology, biochemistry of nutrition, cell biology, cancer enzymology, cancer chemotherapy, viral oncology and immunology, atherosclerosis, blood lipids (epidemiologic, nutritional, endocrin, enzymatic, and pharmacologic factors), and structure and function of proteolytic enzymes.

HOLDINGS: Books, reviews, periodicals, abstracts, indexes, graphs, tables, project records, maps, charts, slides, newsletters, reprints, clippings, unevaluated data.

PUBLICATIONS: *Research Reporter* (bimonthly); biennial report.

INFORMATION SERVICES: Answers inquiries from physicians.

OKLAHOMA STATE UNIVERSITY

College of Veterinary Medicine

Department of Physiological Sciences

1398 College of Veterinary Medicine
Oklahoma State University
Stillwater, Okla. 74074
Tel: (405) 372-6211 Ext. 6341

AREAS OF INTEREST: Anatomy, physiology, pharmacology, toxicology, reproductive physiology, endocrinology, cell biology, and plant toxicology, particularly as they relate to veterinary medicine.

HOLDINGS: The Department uses the collections in the College of Veterinary Medicine Library and the University Library.

PUBLICATIONS: Articles by staff members are published in professional journals.

INFORMATION SERVICES: Provides consulting and advisory services in areas of competence on a limited basis.

Oklahoma Agricultural Experiment Station

1399 Oklahoma State University
Stillwater, Okla. 74074
Tel: (405) 372-6211 Ext. 266

AREAS OF INTEREST: General agriculture; agricultural economics; agricultural education; agricultural engineering; agronomy; botany; plant pathology; horticulture; forestry; microbiology; biochemistry; entomology; animal science, dairy science, and poultry science; veterinary medicine.

PUBLICATIONS: Technical reports and bulletins.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services.

Vegetable Research Station

1400 Oklahoma Agricultural Experiment Station
Oklahoma State University
Route 2
Bixby, Okla. 74008
Tel: (918) 887-2441

AREAS OF INTEREST: Vegetable crop research, including vegetable fertility, evaluation of varieties, examination and evaluation of herbicides, and insect damage and control.

HOLDINGS: Small collection of photos.

INFORMATION SERVICES: Answers inquiries; provides analytical testing services; makes referrals.

Water Resources Research Institute

1401 Oklahoma State University
315 Whitehurst Hall
Stillwater, Okla. 74074
Tel: (405) 372-6211 Ext. 271 or 272

AREAS OF INTEREST: Water resources research in Oklahoma and the Southern Great Plains; economic, chemical, and physical aspects of irrigation and agricultural use of water; water conservation; suppression of evaporation in reservoirs; primary productivity, ecology, sources and fate of pollutants, and chemical and thermal characteristics of reservoirs and ponds of the Great Plains; bioengineering aspects of water resources; treatment of

1402

water for reuse and for domestic supply systems; hydrology of aquifers; overland flow and spatially-varied flow in irrigation distribution channels; water based recreation and recreational use of rivers and streams.

HOLDINGS: Materials on water resources are kept in the University Library.

PUBLICATIONS: A comprehensive annual report and individual technical research reports on projects conducted within the framework of the Institute. A publications list is available.

INFORMATION SERVICES: Answers inquiries; makes referrals to specialists within the University. Material may be borrowed through interlibrary loan.

The University maintains an Aquatic Biology Laboratory, a Reservoir Research Center, and extensive facilities for water research in engineering. It also owns and operates a water treatment plant that provides water for the city of Stillwater. The Agricultural Research Service of the U.S. Department of Agriculture operates an outdoor hydraulic laboratory in cooperation with the University. In addition, the University jointly sponsors (with the U.S.D.I. and the Oklahoma Department of Wildlife Conservation) the Oklahoma Cooperative Fishery Research Unit.

ORCHID JUNGLE

1402 26715 Southwest 157th Ave.
Homestead, Fla. 33030
Tel: (305) 247-4824

AREAS OF INTEREST: Orchids; horticulture.

HOLDINGS: 6,500 different kinds of plants (new species and hybrids); several thousand slides and hundreds of still photographs; a small collection of books, trade papers, magazines, bulletins, etc.

PUBLICATIONS: Newsletters, pamphlets, catalogs of plants.

INFORMATION SERVICES: Answers inquiries; provides consulting services for fee; makes referrals; permits onsite use of collections by known researchers.

OREGON AGRICULTURAL EXPERIMENT STATION

see Oregon State University

OREGON DEPARTMENT OF AGRICULTURE

Information Service

1403 Oregon Department of Agriculture
Agriculture Bldg.
635 Capitol St. NE.
Salem, Oreg. 97310
Tel: (503) 364-2171 Ext. 451

AREAS OF INTEREST: Agriculture in Oregon, including regulatory and inspectional aspects; market development; plant pests and diseases; pesticides and pesticide applicators; dairy and food products; grain; consumer services.

HOLDINGS: 250,000 insect specimens; 500 photos; 400 slides; 4 films; books, technical reports, periodicals, project records, newsletters, reprints, pamphlets, clippings, data, film clips (16mm).

PUBLICATIONS: *Oregon Agri-Record* (quarterly); *The Stabilizer* (monthly); *Oregon Agricultural Chemical Applicators' Manual*; films, photos, slides, regulations, press releases, miscellaneous publications.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services; permits onsite use of collection.

OREGON ENVIRONMENTAL QUALITY COMMISSION

Department of Environmental Quality

1404 Oregon Environmental Quality Commission
P.O. Box 231
Portland, Oreg. 97207

Location:

1400 Southwest 5th Ave.
Portland, Oreg.
Tel: (503) 229-5696

AREAS OF INTEREST: Air and water pollution control and solid waste disposal; pollution mechanisms and methods of analysis; sewage and industrial waste treatment and disposal, particularly pulp and paper mill wastes; air and water quality and solid waste standards and resource management.

HOLDINGS: Extensive water and air samples; 70 photos; 250 slides; 2 motion pictures; 3,000 standards and specifications; 400 books; 6,500 pamphlets; 300 technical reports; reports on dai

monthly, and quarterly air and water quality surveys; periodicals, reprints, magnetic tapes, maps and charts, graphs and tables, reviews, abstracts, newsletters, bibliography, publication lists, annual reports, press releases, display materials.

PUBLICATIONS: Technical reports, regulations, standards, monthly and annual reports, pamphlets, data compilations.

INFORMATION SERVICES: Answers inquiries; makes referrals; permits onsite reference to air and water quality data by special arrangement; analyzes air and water samples.

OREGON FISH COMMISSION

1405 State Office Bldg., Room 307
1400 Southwest 5th St.
Portland, Ore. 97201
Tel: (503) 226-2161

AREAS OF INTEREST: Management of all food fish, including shellfish and anadromous fish within State waters, and regulation of food-fish fisheries.

HOLDINGS: 720 books; 180 journal titles; 22,000 feet of motion picture film; 3,000 slides; reprints, reviews, newsletters.

PUBLICATIONS: *Research Reports of the Fish Commission of Oregon* (irregular); educational bulletins (irregular); biennial report.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides short lists of literature citations in response to specific inquiries; permits onsite use of collection.

OREGON GAME COMMISSION

1406 P.O. Box 3503
Portland, Ore. 97208

Location:

1634 Southwest Alder St.
Portland, Ore.
Tel: (503) 229-5551

AREAS OF INTEREST: Oregon fish and game resources, including law enforcement and hunting safety; conservation and conservation education; migratory birds; anadromous fish; fish and game habitat improvement; fishkills; pesticides; pollution.

HOLDINGS: Limited specimen collection of birds, mammals, and fish; photographs, films, slides, technical reports, maps and charts, press releases, display materials, data.

PUBLICATIONS: Monthly bulletin, biennial report, pamphlets, press releases. A publications list is available.

INFORMATION SERVICES: Answers inquiries; makes referrals; lends films within the State and provides copies of publications within the State; permits onsite use of collections.

OREGON INSTITUTE OF MARINE BIOLOGY

see University of Oregon

OREGON MENTAL HEALTH DIVISION

Alcohol and Drug Section

1407 Oregon Mental Health Division
309 Southwest 4th Ave.
Portland, Ore. 97204
Tel: (503) 229-5430

AREAS OF INTEREST: Medical and social sciences associated with alcohol and drug abuse.

HOLDINGS: 1,000 books; reports.

PUBLICATIONS: Reports, original papers by staff members, reprints.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and literature-searching services; makes referrals; lends materials.

OREGON NATURAL RESOURCES PLANNING COMMITTEE

1408 State Capitol
Salem, Ore. 97310
Tel: (503) 364-2171 Ext. 1076

AREAS OF INTEREST: Natural resources in general, including fish, game, water, minerals, forests, soils, agriculture, parks, nuclear development, and oceanography.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides factual data on natural resources in Oregon.

OREGON STATE BOARD OF HEALTH

1409 State Office Bldg.
1400 Southwest 5th Ave.
Portland, Ore. 97201

...ive public health pro-
...idemiology, public
...maternal and
...dental health,
...struction, and
...ion programs,
...and housing, fur-
...control, community
...and swimming pools; a
...ical investigation into
deaths occurring in unusual or unknown circum-
stances.

HOLDINGS: Books, journals, monographs, technical reports, standards and specifications, motion pictures, photos, data compilations.

PUBLICATIONS: *Oregon Health Bulletin* (monthly), containing illustrated articles on subjects of current health interest; *Oregon's Health* (biennial), a condensed version of the agency's biennial report.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting, bibliographic, and literature-searching services as time permits; permits onsite use of the public health library collection. The Board of Health Laboratory performs analyses, with emphasis on public water supply surveillance, venereal diseases, tuberculosis, rabies, enteric diseases, hemolytic streptococci, virology, and phenylketonuria and related metabolic diseases.

OREGON STATE BOARD OF PHARMACY

1410 579 State Office Bldg.
Portland, Oreg. 97201
Tel: (503) 229-5849

AREAS OF INTEREST: Licensing and regulation of pharmacists and pharmacies.

PUBLICATIONS: *Pharmacy Laws of Oregon*; *Administrative Rules of the Oregon Board of Pharmacy*.

INFORMATION SERVICES: Answers inquiries; provides consulting services; permits onsite use of publications.

OREGON STATE UNIVERSITY

Agricultural Chemistry Department

1411 Oregon State University
Corvallis, Oreg. 97331
Tel: (503) 754-1345

AREAS OF INTEREST: Agricultural chemistry; pesticides; xenobiotics (metabolism, environmental effects, analytical methods); avian tumor viruses; essential fatty acid metabolism; plant protein synthesis; trace element metabolism (selenium, copper, White muscle disease).

HOLDINGS: 1,000 books; 50 periodical titles; reports.

PUBLICATIONS: Journal articles by staff members (a list is available); Agricultural Experiment Station Bulletins (irregular).

INFORMATION SERVICES: Answers inquiries; provides consulting services. Services are provided free to some users, principally State and Federal agencies, and at cost to others. Extensive services are provided only occasionally.

Department of Agronomic Crop Science

1412 Oregon State University
Corvallis, Oreg. 97331
Tel: (503) 754-2821

AREAS OF INTEREST: Crop science; plant genetics and breeding; weed control; seed technology; crop production and oil crops.

PUBLICATIONS: *Agronomy Journal*; *Crop Science Journal*; *Genetics*; *Plant Physiology*; *Sugar Beet Technology*; *International Agronomy*.

INFORMATION SERVICES: Provides consulting services in all areas of expertise; provides limited identification of plants of those genera and species commonly used in field crop production.

Department of Fisheries and Wildlife

1413 Oregon State University
104 BioScience Bldg.
Corvallis, Oreg. 97331
Tel: (503) 754-1531

AREAS OF INTEREST: Fisheries and wildlife resources.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Periodicals pertaining to fisheries and wildlife; reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals. Fees may be charged for extensive services.

Department of Food Science and Technology

Seafoods Laboratory

1414 Oregon State University
250 36th St.
Astoria, Oreg. 97103
Tel: (503) 325-4531

AREAS OF INTEREST: Marine food science and technology; fish nutrition.

HOLDINGS: 200 books; 4,600 abstracts; 2,000 data compilations; periodicals, technical reports, reprints, standards and specifications, publication lists, pamphlets, photos, instruments.

PUBLICATIONS: Experiment bulletins (irregular).

INFORMATION SERVICES: Answers brief inquiries; provides consulting services; permits onsite use of literature collection.

Department of Poultry Science

1415 Oregon State University
Corvallis, Oreg. 97331
Tel: (503) 754-2301

AREAS OF INTEREST: Poultry science, including genetics, physiology, nutrition, housing, products, management, and all aspects of production of different species of domestic birds.

HOLDINGS: Flocks of chickens and turkeys; small collection of books, periodicals, and reports.

PUBLICATIONS: Progress reports, papers in scientific journals, bulletins, articles in popular periodicals.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and literature-searching services.

Forest Research Laboratory

1416 Oregon State University
Corvallis, Oreg. 97331

Location:

3015 Philomath Rd.
Corvallis, Oreg.
Tel: (503) 753-9166

AREAS OF INTEREST: Forest management, including the aspects of regeneration, meteorology, insects, forest diseases, mammals, soils, genetics, economics, engineering, photogrammetry, and watersheds; forest products, including lumber, glued products, and fiber and particle products; timber mechanics; wood chemistry; wood seasoning; wood preservation.

HOLDINGS: 3,500 books; 450 serials; 7,000 technical reports; 11,000 slides; 9,500 photos; 3,500 reprints; unevaluated data on 88 projects. Printed materials

are received in English, German, French, Italian, Spanish, Swedish, Finnish, Danish, Russian, Polish, Hungarian, Turkish, Japanese, and Chinese.

PUBLICATIONS: Biennial report, technical reports, publication lists.

INFORMATION SERVICES: Answers brief inquiries; distributes research results on request; provides literature-searching services; permits onsite use of collection.

Herbarium

1417 Botany Department
Oregon State University
Corvallis, Oreg. 97331
Tel: (503) 754-1106

AREAS OF INTEREST: Names, distributions, and uses of native and introduced plants, especially fungi, seed plants, and ferns, of the Pacific Northwest; poisonous properties, weedy tendencies, and edibility of these plants.

HOLDINGS: 161,000 plant specimens; 1,200 books; 15 journal subscriptions.

PUBLICATIONS: Technical reports, information bulletins.

INFORMATION SERVICES: Provides limited consulting and reference services to the public without charge; exchanges and lends specimens; permits onsite use of collections by qualified scientific investigators.

Nutrition Research Institute

1418 School of Home Economics
Oregon State University
Corvallis, Oreg. 97331
Tel: (503) 754-3281

AREAS OF INTEREST: Nutrition.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; conducts research.

Oceanographic Research Program

1419 Department of Oceanography
Oregon State University
Corvallis, Oreg. 97331
Tel: (503) 754-3504

AREAS OF INTEREST: Scientific study of all aspects of the seas; oceanography.

HOLDINGS: 1,000 maps and charts; 2,150 graphs and tables; 600 photos; 17,000 item library collection;

OREGON STATE UNIVERSITY

and animal specimens;
nographic equipment);
materials, abstracts, in-

rints (annual).

Answers brief inquiries;
consulting services for fee;

Experiment

rsity

31

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eral agriculture; manage-
tural resources; fisheries;
conservation; soil; water;
s; crops (production,
ell-being of the citizens of
ciences.

PUBLICATIONS: *Oregon's Agricultural Progress* (4
times a year); technical reports, papers, popular arti-
cles.

INFORMATION SERVICES: Answers inquiries; makes
referrals; provides consulting services.

Pacific Cooperative Water Pollution Laboratory

1421 104 Bioscience
Oregon State University
Corvallis, Oreg. 97331
Tel: (503) 754-1531

AREAS OF INTEREST: Fresh-water and marine water
pollution biology; water quality requirements;
physiology and toxicology of fishes and other
aquatic organisms; aquatic ecology; limnology;
ichthyology; fisheries; industrial wastes; pesticides.

INFORMATION SERVICES: Answers inquiries within the
limits of time and personnel; provides limited con-
sulting services; provides reprints of journal articles
on research results.

Radiation Center

1422 Oregon State University
Corvallis, Oreg. 97331
Tel: (503) 754-2729 or 754-2344

AREAS OF INTEREST: Chemistry and environmental
effects of inorganic fluoride oxidizing agents;

biochemical effects of intoxicants, particularly mis-
sile propellants; effects of intoxicants upon glucose
metabolism in mammals.

PUBLICATIONS: Annual technical reports and journal
papers.

INFORMATION SERVICES: Answers inquiries; provides
consulting services.

School of Pharmacy

Department of Pharmacology

1423 School of Pharmacy
Oregon State University
Corvallis, Oreg. 97331
Tel: (503) 754-1709

AREAS OF INTEREST: Pharmacology; mammalian tox-
icology (renal, hepatic, pulmonary, central nervous
system) of drugs and chemicals.

HOLDINGS: 50,000 books; 1,000 periodical titles;
1,000 reports.

PUBLICATIONS: Reports, reviews.

INFORMATION SERVICES: Answers inquiries.

Water Resources Research Institute

1424 Oregon State University
Corvallis, Oreg. 97331
Tel: (503) 754-1023

AREAS OF INTEREST: Water resources; aquatic en-
tomology; aquatic biology; aquatic ecology; water
chemistry and physics; ground-water physics;
ground-water geology; hydrology; hydraulics; lim-
nology; sanitary engineering; water pollution;
watershed management; water law and legislation;
weather modification; oceanography; waste treat-
ment and disposal; water reclamation and reuse;
water use and control; water economics.

HOLDINGS: Books, journals, theses, dissertations, re-
ports, reprints, newsletters, photos, maps, indexes.

PUBLICATIONS: *Water Research Summary* (biannual);
booklet (Fall and Spring terms); seminar papers,
technical reports.

INFORMATION SERVICES: Answers inquiries; makes
referrals; permits onsite use of collection.

ORGANIZATION FOR TROPICAL STUDIES, INC.

North American Office

1425 Organization for Tropical Studies, Inc.
Florida Bldg., Suite 102
5900 73d St.
South Miami, Fla. 33143
Tel: (305) 666-5837

AREAS OF INTEREST: Terrestrial biology; marine biology; geography; geology; atmospheric sciences; agriculture; anthropology; forestry.

HOLDINGS: Lists of tropical workers in the United States and in Latin America and other foreign areas, students who have had OTS courses, university faculty members who have participated in OTS courses, etc.; reports.

PUBLICATIONS: Reports, bulletin, manual.

INFORMATION SERVICES: Answers inquiries; permits onsite use of files by qualified research workers, graduate students, etc.

ORGANIZATION OF AMERICAN STATES

see also Pan American Health Organization

General Secretariat--Pan American Union

Department of Scientific Affairs

1426 Organization of American States
1735 Eye St. NW., Room 1134
Washington, D.C. 20006
Tel: (202) 381-8733

AREAS OF INTEREST: Science and technology in Latin America, including education and research in natural and basic sciences, technological development, human resources, and manpower studies.

HOLDINGS: Books, reports, periodicals, standards and specifications, reviews, bibliographies, pamphlets, publication lists, clippings, data.

PUBLICATIONS: *Ciencia Interamericana* (journal, 5 issues a year, in Spanish); *Scientific Monographs* (10-15 issues a year, in Spanish and Portuguese) on physics, biology, chemistry, and mathematics; reports, proceedings.

1428

INFORMATION SERVICES: Answers inquiries; provides consulting and bibliographic services; permits onsite use of collection. Services are available primarily to members of the Pan American Union.

OSBORN LABORATORIES OF MARINE SCIENCE

see New York Zoological Society

OVERTON PARK ZOO (MEMPHIS)

1427 Memphis, Tenn. 38112
Tel: (901) 274-2887

AREAS OF INTEREST: Care and habits of vertebrates, especially when in captivity.

HOLDINGS: The Zoo maintains a collection of mammals, birds, fishes, and reptiles for visitor enjoyment, education, and research.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals. The Zoo is open to the public.

PACIFIC BIOMEDICAL RESEARCH CENTER

see University of Hawaii

PACIFIC COAST ENTOMOLOGICAL SOCIETY

1428 California Academy of Sciences
Golden Gate Park
San Francisco, Calif. 94118
Tel: (415) 221-5100.

AREAS OF INTEREST: Entomology, with emphasis on insects of western North America; insect taxonomy, morphology, life history, and geographical distribution.

HOLDINGS: Books, journals, reports, films; a special collection of photographs and other documents on the history of entomology.

PUBLICATIONS: *Pan-Pacific Entomologist* (quarterly); *Memoirs* series, monographing large groups.

INFORMATION SERVICES: Persons with serious interests in the field may borrow material or use the collection onsite.

1429

PACIFIC COAST OYSTER GROWERS ASSOCIATION

1429 1201 Black Lake Blvd.
Olympia, Wash. 98501
Tel: (206) 352-3732

AREAS OF INTEREST: Oyster production, processing, and shipping.

INFORMATION SERVICES: Answers inquiries.

PACIFIC COOPERATIVE WATER POLLUTION LABORATORY

see Oregon State University

PACIFIC GROVE MUSEUM OF NATURAL HISTORY

1430 Forest and Central Aves.
Pacific Grove, Calif. 93950
Tel: (408) 372-4212

AREAS OF INTEREST: Natural history of Monterey County, Calif.

HOLDINGS: Natural history exhibits.

PUBLICATIONS: Pamphlets.

INFORMATION SERVICES: Answers brief inquiries; makes referrals. The Museum is open to the public.

PACIFIC MARINE FISHERIES COMMISSION

1431 342 State Office Bldg.
1400 Southwest 5th Ave.
Portland, Oreg. 97201
Tel: (503) 229-5840

AREAS OF INTEREST: Fishery biology and management and conservation of fish stocks in the States of Washington, California, Oregon, Idaho, and Alaska.

HOLDINGS: 1,500 technical reports; 200 reprints; journals, bibliographies, abstracts, newsletters.

PUBLICATIONS: Bulletins, annual report.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; makes referrals; prepares analyses. Services are primarily for member State agencies.

PACIFIC COAST OYSTER GROWERS ASSOCIATION

PACIFIC MEDICAL CENTER

Institute of Medical Sciences

1432 Attn: Robert J. Downey, President
2340 Clay St.
San Francisco, Calif. 94115
Tel: (415) 567-7580

AREAS OF INTEREST: Operative heart diseases; cardiac and cardiovascular surgery; medical cardiology; membrane blood oxygenators; cryobiology; blood preservation; normal blood chemistries; computerized intensive care patient monitoring and biomedical data facility; visual sciences (ophthalmology); sensory and oculomotor physiology; visual neurophysiology; motor neuron diseases and learning disabilities (neurology); stroke research center; patient-oriented care.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals.

PACIFIC NORTHWEST WATER SUPPLY LABORATORY

see Environmental Protection Agency. Office of Water Programs

PACIFIC SCIENTIFIC INFORMATION CENTER

1433 P.O. Box 6037
Honolulu, Hawaii 96818

Location:

Bernice P. Bishop Museum
1355 Kalihi St.
Honolulu, Hawaii
Tel: (808) 847-3511

AREAS OF INTEREST: Geography, biogeography, natural history, and social sciences in the oceanic Pacific area (Polynesia, Micronesia, Melanesia), New Guinea, and closely related areas.

HOLDINGS: About 3,000 books; files of 30 journals; 70,000 air photographs; 15,000 maps and charts; reports, bibliographies, gazetteers, and extensive files of indexed data. The Center also has ready access to the extensive library holdings of the Bernice P. Bishop Museum.

PUBLICATIONS: *Pacific Scientific Information* (3 vols.); four directories: *Pacific Anthropologists*

(1962, 1964, 1971), *Pacific Botanists* (1963; supplement 1969), *Pacific Entomologists* (1966), and *Indo-Pacific Invertebrate Zoologists* (1968); two series of newsletters: *Man in the Pacific* (suspended, 1970) and *Pacific Entomologists Newsletter* (suspended, 1968); various bibliographies and other special publications. A list of recent and planned publications is available.

INFORMATION SERVICES: Answers inquiries; provides bibliographic and duplication services. Center publications are available by purchase or through exchange.

PALEONTOLOGICAL RESEARCH INSTITUTION

1434 1259 Trumansburg Rd.
Ithaca, N.Y. 14850
Tel: (607) 273-6623

AREAS OF INTEREST: Paleontology, including invertebrate paleontology and stratigraphy, particularly of the Cenozoic, Mesozoic, and Paleozoic eras; Foraminifera; conchology; geology; botany; zoology; microbiology. Important among the localities covered are southern, western, and eastern United States, Cuba, Haiti, Costa Rica, Panama, Dominican Republic, Trinidad, and northern and western South America.

HOLDINGS: 40,000 cataloged fossil and nonfossil specimens of plants and animals and chips of sedimentary formations, with accompanying maps and charts; a library with 18,000 books, 3,000 bound journals, 50 journal subscriptions, 6,000 reprints, and 46 vertical file drawers of other materials.

PUBLICATIONS: *Bulletins of American Paleontology* (2 volumes a year); *Paleontographica Americana* (irregular); reprints, special publications. A publications price list is available.

INFORMATION SERVICES: Provides reference and consulting services without charge; permits onsite use of collections. A small earth science and natural history museum is open to the public.

PALO ALTO MEDICAL RESEARCH FOUNDATION LIBRARY

1435 860 Bryant St.
Palo Alto, Calif. 94301
Tel: (415) 326-8120

AREAS OF INTEREST: Medicine and basic science.

HOLDINGS: 12,500 books and journals; reports.

INFORMATION SERVICES: Provides reference services to physicians and scientists.

PAN AMERICAN HEALTH ORGANIZATION

Environmental Sanitation Branch

1436 Pan American Health Organization
525 23d St. NW.
Washington, D.C. 20037
Tel: (202) 331-4358

AREAS OF INTEREST: Environmental health; air and water pollution; sanitation; vector control; medicine; Latin America.

INFORMATION SERVICES: Provides brief answers to technical questions. Services are primarily for government agencies of member nations.

Malaria Eradication Branch

1437 Pan American Health Organization
525 23d St. NW.
Washington, D.C. 20037
Tel: (202) 331-4323

AREAS OF INTEREST: Malaria eradication; effect of drugs in chemotherapy and prophylaxis of malaria; toxicological hazards of pesticides used as residual sprays, larvicides, or space sprayers to control insect vectors and arthropods of public health importance.

HOLDINGS: The Branch has access to the periodicals, technical reports, and biomedical references in the Organization's Central Library.

PUBLICATIONS: Technical reports.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides extensive consulting and advisory services to Organization members.

Pan American Sanitary Bureau Library

1438 525 23d St. NW.
Washington, D.C. 20037
Tel: (202) 331-4386

The Pan American Sanitary Bureau serves as the Regional Office of the World Health Organization.

AREAS OF INTEREST: Public health, including dental health, radiation health, mental health, nursing, nutrition, sanitation engineering, health statistics, medical care, medical education, medical research, and veterinary public health.

HOLDINGS: 50,000 books; 1,000 periodicals; 3,000 reports.

1439

PUBLICATIONS: Bibliographies, library acquisitions list, calendar of meetings.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; makes interlibrary loans.

PAN AMERICAN UNION

see Organization of American States; Pan American Health Organization

PAPANICOLAOU CANCER RESEARCH INSTITUTE

1439 1155 Northwest 14th St.
Miami, Fla. 33136
Tel: (305) 371-5572

AREAS OF INTEREST: Cancer, including biochemistry, cytology, electronmicroscopy, proteins, enzymes structure and function, cellular particulates, peroxidases, heme enzymes, and immunoglobulin.

HOLDINGS: The G. N. Papanicolaou collection of reprints, slides, books, and periodicals.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Permits onsite use of collection.

PAUL DE HAEN, INC.

1440 11 West 42d St.
New York, N.Y. 10036
Tel: (212) 564-6560

AREAS OF INTEREST: Drugs, including synthesis of new compounds, clinical and toxicologic pharmacology, effectiveness, and adverse reactions (based on review of over 400 biomedical journals published in 26 countries).

HOLDINGS: 15,000 index cards (3x5) on synthesis and pharmacology of new drugs, with chemical and pharmacologic data, source of study, and bibliographic citations (records of 9,000 excerpts, 1966-1970, on microfilm); 12,200 index cards (3x5) with over 30,000 bibliographic citations on drugs in research stage; 1,000 index cards (3x5) with nomenclature, chemistry, source, and marketing of drugs in research stage; 33,000 index cards (4x6) containing detailed excerpts from human studies carried out with over 2,800 drugs in current use or in research (records of 23,500 excerpts covering major drugs on microfilm).

PAN AMERICAN UNION

PUBLICATIONS: *de Haen Drugs in Prospect* (1963-1970; computerized index for the years 1966-1970 containing 180,000 entries, arranged by 13 categories, color coded for fast access, available on magnetic tape); *de Haen Drugs in Research* (1964-1970; annual index arranged by 12 categories); *de Haen Drugs in Use* (1964-1970; computerized index (1,236 pages) for the years 1964-1970, arranged by six categories, including diagnosis, adverse reactions, and detailed profile for each drug leading to original documents, color coded for fast access); *de Haen New Product Surveys* (1954-1970 with monthly supplements for subsequent year); *de Haen Drugs in Medical Practice* (1970-71; 10,000 annotated citations of clinical papers on drugs); *de Haen Nonproprietary Name Index* (1971); *de Haen New Drug Analysis* (1960-1971). Publications are available on annual subscription.

INFORMATION SERVICES: Answers inquiries; makes referrals; permits onsite use of collection by arrangement.

PENNSYLVANIA AGRICULTURAL EXPERIMENT STATION

see Pennsylvania State University

PENNSYLVANIA COLLEGE OF PODIATRIC MEDICINE

Charles E. Krausz Library

1441 Pennsylvania College of Podiatric Medicine
804 Pine St.
Philadelphia, Pa. 19107
Tel: (215) 922-5420

AREAS OF INTEREST: Podiatry; foot problems; boots and shoes; general medicine.

HOLDINGS: 5,600 volumes dating back to 1784, including several rare books on the treatment of the feet.

INFORMATION SERVICES: Provides reference and consulting services; makes interlibrary loans; permits onsite use of collection by podiatrists and the public.

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES

Bureau of Air Pollution Control

1442 Pennsylvania Department of Environmental Resources

P.O. Box 9
Harrisburg, Pa. 17120
Tel: (717) 787-6547

AREAS OF INTEREST: Air pollution sources and control techniques; air pollution surveillance; air pollution regulations; air sampling techniques and equipment; meteorological data; industrial toxicology.

HOLDINGS: Books, journals, reports, films, photos, maps and charts, data.

PUBLICATIONS: Technical reports, conference proceedings, standards and specifications.

INFORMATION SERVICES: Answers inquiries; distributes literature; provides technical data compilations and consulting services; provides information to aid enforcement or drafting of air pollution ordinances; permits onsite use of collection by qualified persons.

Bureau of Protection and Regulation

Division of Occupational Health

1443 Pennsylvania Department of Environmental Resources
P.O. Box 2351
Harrisburg, Pa. 17120

Location:

Health and Welfare Bldg.
7th and Forster Sts.
Harrisburg, Pa.
Tel: (717) 787-6525

AREAS OF INTEREST: Reduction and prevention of occupational diseases through the establishment and maintenance of medical and engineering standards for the working population and the control of such hazards in the occupational environment as dusts, fumes, gases, mists, vapors, and physical hazards, including heat, noise, and nonionizing radiation.

HOLDINGS: 775 books; 900 periodicals; 1,280 abstracts and indexes; 120 photos; 575 slides; 2 motion picture films; 18,000 plant information records; newsletters, pamphlets, standards and specifications, reprints.

PUBLICATIONS: Occupational health standards and specifications as promulgated; a quarterly newsletter; pamphlets, reprints, guides.

INFORMATION SERVICES: Answers inquiries; makes referrals.

Facilities include X-ray diffraction apparatus, large littrow spectrograph, gas chromatograph, multichannel analyzer, lung function testing equipment, low background proportional counter, a spectrophotometer, and mobile chest X-ray units.

Bureau of Sanitary Engineering

Division of Industrial Wastes

1444 Bureau of Sanitary Engineering
Pennsylvania Department of Environmental Resources
P.O. Box 2351
Harrisburg, Pa. 17120
Tel: (717) 787-4660

AREAS OF INTEREST: Industrial waste treatment; coal silt; organic wastes; toxic substances; pollution; fish kills.

HOLDINGS: Books, periodicals, display materials, slides, newsletters, press releases, data.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides limited consulting services.

Division of Water Quality

1445 Bureau of Sanitary Engineering
Pennsylvania Department of Environmental Resources
P.O. Box 90
Harrisburg, Pa. 17120
Tel: (717) 787-4056

AREAS OF INTEREST: Water pollution control; water quality; water analysis; waste disposal; industrial and recreational uses of water; ground water geology.

HOLDINGS: Books, periodicals, abstracts, technical reports, standards, newsletters, bibliographies, pamphlets, reprints, publication lists, press releases, photos, posters, data compilations.

INFORMATION SERVICES: Answers inquiries; makes referrals.

Office of Engineering and Construction

1446 Pennsylvania Department of Environmental Resources
P.O. Box 1467
Harrisburg, Pa. 17120
Tel: (717) 787-2315

AREAS OF INTEREST: Statewide, multipurpose water resources development; development of State Water Plan; flood control; flood forecasting; water-oriented recreation; stream channel improvement; lake and stream aquatic nutrient studies; slope protection using rock riprap, gabions, and Fabriform mattresses; hydraulic models of water flow at high velocities; basin studies; hydrography; harbors; multipurpose dams; stream encroachments; shore and

1447

beach erosion; navigation; hydropower generation; landscape architecture; planning, programming, development, designing, constructing, operating, and maintaining a Statewide park system; oil and gas and other mineral exploration and development; land reclamation and conservation; mineral appraisals and site evaluation; forestry; forest fires; pesticides for the control of destructive forest insects; herbicides.

HOLDINGS: 200 books; 200 periodical titles; water supply and flood control data; flood and low-flow discharge records; basin study reports; project records; planning and design criteria; operation and maintenance records; statistics; insect specimens.

PUBLICATIONS: *Water Resources Bulletins* containing reports on special studies (available free to Government agencies and libraries); instructional bulletins for dams and encroachment permits; descriptive pamphlets, maps, and brochures dealing with water resources facilities, the State park system, recreation sites, mineral studies, and leasing procedures.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides bibliographic and limited consulting services; provides leasing information on departmental land holdings.

The Department maintains a flood warning radio network of 46 river and/or rainfall reporting stations in the Susquehanna River Basin and a Statewide network of 219 stream-gaging stations in cooperation with the Federal Government.

PENNSYLVANIA FISH COMMISSION

Benner Spring Fish Research Station Library

1447 RFD 1, Box 200-C
Bellefonte, Pa. 16823
Tel: (814) 355-4837

AREAS OF INTEREST: Freshwater fish and fisheries; fish culture; general fisheries biology; fish diseases.

HOLDINGS: Books, journals, reprints, and pamphlets, including a special collection on the pike.

PUBLICATIONS: Reprints of articles by staff members.

INFORMATION SERVICES: Answers inquiries; provides consulting services and reprints on request; provides short lists of literature citations in response to specific inquiries; makes referrals; permits onsite use of collection.

PENNSYLVANIA FISH COMMISSION

PENNSYLVANIA GAME COMMISSION

Division of Research

1448 Pennsylvania Game Commission
P.O. Box 1567
Harrisburg, Pa. 17120
Tel: (717) 787-5529

AREAS OF INTEREST: Wildlife research, including life histories, habitat requirements and development, and management techniques.

HOLDINGS: 2,900 photos; 2,900 slides; 4,600 project records; 800 technical reports.

PUBLICATIONS: Bulletins, annual report.

INFORMATION SERVICES: Answers inquiries; provides consulting services; provides short lists of literature citations in response to specific inquiries; makes referrals; permits onsite use of collection.

PENNSYLVANIA HORTICULTURAL SOCIETY LIBRARY

1449 325 Walnut St.
Philadelphia, Pa. 19106
Tel: (215) 922-4801

AREAS OF INTEREST: Horticulture; botany; natural history; seeds; tree nurseries; rare herbals; gardening books.

HOLDINGS: 11,700 books and bound journals; 212 journal subscriptions; current nursery and seed catalogs; 12 vertical file drawers of pamphlets and other material; the Lloyd collection of rare books.

PUBLICATIONS: *Gardener's Guide* (annual); newsletter.

INFORMATION SERVICES: Provides reference services; provides photoduplication services (excluding rare books); permits onsite use of literature collection; lends material to members; makes interlibrary loans.

PENNSYLVANIA STATE UNIVERSITY

Division of Food Science and Industry

1450 107 Borland Laboratory
Pennsylvania State University
University Park, Pa. 16802
Tel: (814) 865-5445

AREAS OF INTEREST: Food science, including processing and analysis; ice cream and other frozen desserts technology (ingredients, additives, manufacturing technology, etc.); food chemistry; food additives; food contamination, including pesticide residues; lipid metabolism and biosynthesis; agricultural waste management; dairy science; centralized automated milk analysis; literature and documentation in food science and technology.

HOLDINGS: 500 books; 50 periodical titles; 1,000 reports. The Division also uses the collections of the University's Agricultural and Biological Library.

PUBLICATIONS: Research reports.

INFORMATION SERVICES: Answers inquiries; provides consulting and literature-searching services at cost.

Institute for Research on Land and Water Resources

Water Resources Center

1451 Pennsylvania State University
University Park, Pa. 16802
Tel: (814) 865-8355

AREAS OF INTEREST: Water characteristics and control; sewage problems; industrial wastes, including acid wastes and coal mine drainage; hydrological systems; water resources management; water supply and demand; droughts; evapotranspiration; economic and sociological aspects of water resources; urban hydrology; watershed management; use of water of impaired quality; water conservation; aquatic ecology, biology, and microbiology.

PUBLICATIONS: Reports, reprints.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides reprints on request.

Intercollege Research Program

Center for Air Environment Studies

1452 Intercollege Research Program
Pennsylvania State University
226 Chemical Engineering II
University Park, Pa. 16802
Tel: (814) 865-1415

AREAS OF INTEREST: All materials relating to air environment, especially air pollution.

HOLDINGS: 10,000 reprints and reports; 16,000 documents on microfilm; 50 periodical titles; legal files and other sources of air pollution information; books.

PUBLICATIONS: *Air Pollution Titles*; *Guide to Air Pollution Index* (formerly the *Index to Air Pollution Research*); reports, directories, proceedings, thesaurus, accession lists.

INFORMATION SERVICES: Answers inquiries; provides reference and literature-searching services; provides limited duplication services for fee; makes referrals; makes interlibrary loans; permits onsite use of collection. Services are primarily for University staff, faculty, and students, but are also provided to others as time and personnel permit.

Mont Alto Arboretum

1453 Pennsylvania State University
Mont Alto Campus
Mont Alto, Pa. 17237
Tel: (717) 749-3111

AREAS OF INTEREST: Trees.

HOLDINGS: Tree specimens; a literature collection of books, bibliographies, and pamphlets.

PUBLICATIONS: Bulletins.

INFORMATION SERVICES: Answers inquiries; provides consulting services; permits onsite use of collections.

Pennsylvania Agricultural Experiment Station

1454 Pennsylvania State University
106 Armsby Bldg.
University Park, Pa. 16801
Tel: (717) 865-5419

AREAS OF INTEREST: General agriculture; biochemistry; agricultural economics; rural sociology; agricultural education; agricultural engineering; agronomy; animal science and nutrition; microbiology; botany; plant pathology; dairy science; forestry; horticulture; poultry science; veterinary science; wildlife; zoology; entomology; land use.

HOLDINGS: 80,000 books; journals, technical reports.

PUBLICATIONS: *Science in Agriculture* (quarterly); technical reports, conference proceedings, bulletins.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services; permits onsite use of literature collection.

Branch Offices: Agricultural Research Center, Rock Springs, Pa.; Southwestern Field Research Laboratory, Rector, Pa.; Fruit Research Laboratory, Arendtsville, Pa.; Southeastern Field Research Laboratory, Landisville, Pa.; Erie County Field Research Laboratory, North East, Pa.

1455

Waste Water Renovation and Conservation Research Project

1455 Institute for Science and Engineering
Pennsylvania State University
University Park, Pa. 16802
Tel: (814) 865-5419

AREAS OF INTEREST: Water renovation and conservation by disposal of municipal sewage effluent on agricultural and forest lands; ecological changes in plants and animals and influence on crops in treated areas; reuse of water by ground-water recharge; monitoring system for water quality sampling; hydrology and pedology of land areas used for spray disposal of liquid wastes; design, development, and testing of sprinklers and irrigation systems for waste disposal.

HOLDINGS: Data.

PUBLICATIONS: *Reports* (published by the University, available on request from the Project); *The Living Filter* (motion picture);

INFORMATION SERVICES: Answers inquiries; makes referrals.

PERRINE PRIMATE LABORATORY

see Environmental Protection Agency. Office of Research and Monitoring. National Environmental Research Center (Research Triangle Park)

PFIZER, INC.

Department of Veterinary Medicine

Agricultural Division

1456 Department of Veterinary Medicine
Pfizer, Inc.
235 East 42d St.
New York, N.Y. 10017
Tel: (212) 573-2323

AREAS OF INTEREST: Drugs (metabolism, potentiation, toxicity); all personal effects of drugs on animals (allergy, anaphylaxis, etc.); all environmental effects and mode of exposure related to drug toxicity; liability and safety regulation; all analytical methods used in toxicology; antibiotics; ataractics; pesticides; aerosols; corticosteroids; food additives; household chemicals.

PENNSYLVANIA STATE UNIVERSITY

HOLDINGS: Small collection of books and reports.

PUBLICATIONS: Abstracts, bibliographies, books, reports, product sales literature.

INFORMATION SERVICES: Answers inquiries; provides reference, literature-searching, and abstracting services; provides technical literature on Pfizer Agricultural Division products. Services are free, but the decision to provide service to a specific user is made at the Company's option. Services are primarily for customers and Government agencies.

Pfizer Medical Research Laboratories Library

1457 Pfizer, Inc.
Eastern Point Rd.
Groton, Conn. 06340
Tel: (203) 445-5611

AREAS OF INTEREST: Organic chemistry; biochemistry; antibiotics; endocrinology; clinical medicine; bacteriology; pharmacology; botany; vitamins; pathology; veterinary medicine; mycology; fermentation; drugs; agricultural chemistry; isotope chemistry.

HOLDINGS: 7,800 books; 11,000 periodicals; 1,500 reports; patents, data.

PUBLICATIONS: Reports, bibliographies.

INFORMATION SERVICES: Provides duplication services; makes interlibrary loans.

PHARMACEUTICAL MANUFACTURERS ASSOCIATION

1458 1155 15th St. NW.
Washington, D.C. 20005
Tel: (202) 296-2440

AREAS OF INTEREST: Prescription drugs; legal, legislative, regulatory, economic, international, public relations, and scientific aspects of the prescription drug industry.

PUBLICATIONS: The *PMA Newsletter* (weekly) and *Bulletin* (monthly) are generally restricted to members. A variety of other publications is available to the public.

INFORMATION SERVICES: Answers inquiries from the press and the public; provides MEDLARS search service to member firms.

PHARMACO-MEDICAL DOCUMENTATION

1459 P.O. Box 401
Chatham, N.J. 07928

Location:

9 South Passaic Ave.

Chatham, N.J.

Tel: (201) 635-9582 or 635-9644

AREAS OF INTEREST: Documentation in the medical, pharmaceutical, toxicologic, and related biomedical and life sciences.

HOLDINGS: Over 1,500 books and 200 current journals; reports, data, computer programs; well-equipped research library in worldwide drug-product and pharmaceutical manufacturer identification and address.

PUBLICATIONS: *Unlisted Drugs* (monthly journal); *Unlisted Drugs on Cards* (monthly); *Unlisted Drugs Index-Guide* (irregular; last published in 1969); indexes, bibliographies, technical reports, state-of-the-art reviews, translations.

INFORMATION SERVICES: Answers inquiries and provides consulting, reference, literature-searching, abstracting, indexing, translation, and duplication services, all on a fee or contract basis.

PHARMACOLOGY RESEARCH, INC.

1460 P.O. Box 70
Darby, Pa. 19023

Location:

21 Main St.

Darby, Pa.

Tel: (215) 586-0707

AREAS OF INTEREST: Toxicology and pharmacology concerning normal and abnormal parameters; physiological parameters of laboratory animals, particularly acute and chronic toxicity of chemicals, drugs, food additives, and household products by all modes of exposure.

HOLDINGS: Compilation of unpublished experimental data with emphasis on the rhesus monkey.

INFORMATION SERVICES: Answers inquiries from scientific colleagues without charge; performs experimental research on a contract basis.

PHILADELPHIA COLLEGE OF PHARMACY AND SCIENCE

Library

1461 Philadelphia College of Pharmacy and
Science
43d St. and Kingsessing Ave.
Philadelphia, Pa. 19104
Tel: (215) 386-5800 Ext. 260

AREAS OF INTEREST: Pharmacy; pharmaceutical chemistry; pharmacognosy; bacteriology; biology; chemistry; radioisotopes; drug information; identification of prescriptions; pesticides.

HOLDINGS: 45,000 books and bound journals; reports.

PUBLICATIONS: *American Journal of Pharmacy* (monthly).

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and literature-searching services; provides duplication services for fee; makes interlibrary loans; makes direct loans to authorized representatives of industries and organizations; permits onsite use of collection.

Facilities include a microfilm reader-printer.

Pharmaceutical Information Service

1462 Philadelphia College of Pharmacy and
Science
43d St. and Kingsessing Ave.
Philadelphia, Pa. 19104
Tel: (215) 386-5800

AREAS OF INTEREST: Pharmaceutical, pharmacological, and clinical aspects of drugs; foreign drug products and their U.S. equivalents; toxicity and adverse effects of drugs; poisonous plants.

HOLDINGS: 15,000-card index listing information about drugs.

INFORMATION SERVICES: Answers inquiries; provides reference, literature-searching, and duplication services; lends materials.

PHILADELPHIA DEPARTMENT OF PUBLIC HEALTH

Office of the Medical Examiner

Toxicology Unit

1463

1463 Office of the Medical Examiner
Philadelphia Department of Public Health
13th and Wood Sts.
Philadelphia, Pa. 19107
Tel: (215) 686-5187

AREAS OF INTEREST: Toxicologic analysis; thin-layer and gas chromatography; spectrophotometry; poison information; forensic and industrial toxicology; forensic pathology; drug abuse control; training in toxicology.

HOLDINGS: 1,000 books; 100 periodical titles; over 10,000 indexed reprints; reports.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; furnishes emergency toxicologic analyses; provides lectures and slide presentations; makes referrals. A fee is charged for some services.

PHILIPS ROXANE, INC.

1464 2621 North Belt Highway
St. Joseph, Mo. 64502
Tel: (816) 233-2571

AREAS OF INTEREST: Veterinary medicine; veterinary drugs.

HOLDINGS: Small reference library.

INFORMATION SERVICES: Answers inquiries; makes referrals. Library services are primarily for company personnel.

PHIPPS CONSERVATORY

1465 Schenley Park
Pittsburgh, Pa. 15213
Tel: (412) 683-6080

AREAS OF INTEREST: Ornamental flowering and foliage plants.

HOLDINGS: 105,000 plant specimens; photos, pamphlets.

INFORMATION SERVICES: Answers brief inquiries; provides consulting services; makes referrals. The Conservatory, which is open to the public, presents an annual Spring Flower Show and a Fall Show.

PHYSICIANS FORUM

1466 510 Madison Ave.
New York, N.Y. 10022
Tel: (212) 688-3290

Physicians Forum is a membership organization.

PHILIPS ROXANE, INC.

AREAS OF INTEREST: Distribution, quality, and improvement of medical care; promotion of national health system.

HOLDINGS: A collection of reprints, pamphlets, and news releases.

PUBLICATIONS: Pamphlets.

INFORMATION SERVICES: Provides brief answers to technical inquiries about legislation and social programs; provides speakers; prepares analyses of legislation.

PHYTOPATHOLOGICAL TRANSLATIONS

1467 c/o Shade Tree Laboratories
University of Massachusetts
Amherst, Mass. 01002
Tel: (413) 545-2402

Phytopathological Translations is jointly sponsored by the American Phytopathological Society and the University of Massachusetts.

AREAS OF INTEREST: Phytopathology and mycology, including virology, nematology, and noninfectious injuries to plants, but excluding any entomology except in relation to plant diseases and excluding veterinary and human medicine.

HOLDINGS: 8,000 citations to phytopathological translations, cataloged by author. The citations are cross-indexed to Latin names of organisms mentioned, as well as to English names of host plants. Included is the complete original title of the work, the English translation of the title, the origin of the translation, and information on how or where the translation can be consulted, copied, or obtained. A small collection of translations is also maintained.

PUBLICATIONS: Abstracts, bibliographies.

INFORMATION SERVICES: Answers inquiries and provides consulting, reference, and literature-searching services within the scope of the index; makes referrals; provides duplication services at cost; permits onsite use of index. If there is no record of the phytopathological translation being sought, the inquiry will be filed in the index and the requester notified when a record of the translation is added to the file.

PICKLE PACKERS INTERNATIONAL, INC.

1468 Box 31
St. Charles, Ill. 60174

THE POPULATION COUNCIL

Tel: (321) 584-8950

AREAS OF INTEREST: Pickles; plant pathology; bacteriology; agricultural engineering; agricultural economics; food preservation.

HOLDINGS: Reports.

INFORMATION SERVICES: Answers technical inquiries.

PITTSBURGH CONSERVATORY-AVIARY

1469 West Park
Pittsburgh, Pa. 15212
Tel: (412) 322-7855

AREAS OF INTEREST: Breeding and care of tropical birds in planted aviaries.

HOLDINGS: 680 bird specimens; 150 books; 800 photos; 350 slides; motion pictures, technical reports.

PUBLICATIONS: Articles in appropriate journals.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; identifies migratory and resident birds and their habitats; permits onsite use of collections.

PLAINS COTTON GROWERS, INC.

1470 1720 Avenue M
Lubbock, Tex. 79401
Tel: (806) 762-0553

AREAS OF INTEREST: Cotton textile and agricultural research and information.

HOLDINGS: Collection of maps, charts, graphs, technical reports, pamphlets, news releases, and clippings.

PUBLICATIONS: Newsletters, news releases.

INFORMATION SERVICES: Answers inquiries; provides consulting services; prepares analyses; tests fibers and yarns; supplies statistical data; makes referrals; permits onsite use of collection.

PLUM ISLAND ANIMAL DISEASE LABORATORY

see Agriculture, Department of. Agricultural Research Service. Veterinary Sciences Research Division

1473

POLK COUNTY MEDICAL SOCIETY

1471 606 Equitable Bldg.
Des Moines, Iowa 50309
Tel: (515) 288-0172

AREAS OF INTEREST: Medicine, including scientific, legislative, social, and public health aspects.

PUBLICATIONS: Newsletter.

INFORMATION SERVICES: Makes referrals to member specialists.

POLYTECHNIC INSTITUTE OF BROOKLYN

Center for Urban Environmental Studies

1472 Polytechnic Institute of Brooklyn
333 Jay St.
Brooklyn, N.Y. 11201
Tel: (212) 643-2124

AREAS OF INTEREST: Environmental sciences; engineering; housing; pollution control; transportation.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Newsletter, reports, abstracts.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Fees may be charged for extensive services.

THE POPULATION COUNCIL

1473 245 Park Ave.
New York, N.Y. 10017
Tel: (212) 687-8330

A private, nonprofit, worldwide clearinghouse concerned with scientific information in the broad field of population, The Population Council helps support various research and pilot projects throughout the world on population problems. It gives both grants and fellowships for demographic and medical-biological study and research.

AREAS OF INTEREST: The broad field of population, including demography and reproductive physiology, research-with-action family planning programs,

1474

population growth rates in specific countries and regions, census data, migration, and contraceptive methods.

HOLDINGS: A library with about 3,500 books, 200 journal and serial subscriptions, and 27,500 reprints.

PUBLICATIONS: *Studies in Family Planning* (12 a year); *Current Publications in Population/Family Planning* (6 a year); *Country Profiles* (occasional); *Reports on Population/Family Planning* (occasional). Publications are free to persons with a professional interest in family planning.

INFORMATION SERVICES: Provides consulting and documentary services, primarily to private associations, academic institutions, and Government agencies concerned with population study. The library makes interlibrary loans, but is not open to the public.

PORTLAND (OREG.) POLICE CRIME LABORATORY

1474 222 Southwest Pine St.
Portland, Oreg. 97204
Tel: (503) 226-7551

AREAS OF INTEREST: Identification of narcotics and dangerous drugs; firearm and tool mark comparisons; blood typing; semen and spermatozoa determinations; serial number restorations; chemical and physical examinations of evidence from crime scenes.

HOLDINGS: Collection of various types of narcotics and dangerous drugs and associated drug users' paraphernalia; small collection of books and periodicals.

INFORMATION SERVICES: Provides consulting services to governmental agencies only.

POTASH INSTITUTE OF NORTH AMERICA, INC.

1475 1649 Tullie Circle NE.
Atlanta, Ga. 30329
Tel: (404) 634-4224

AREAS OF INTEREST: Use of potash in fertilizers; factors, especially nutrition, affecting efficient production of crops; soil fertility; fertilization of pastures, row-crops, orchards, and forests; plant food utilization.

PORTLAND (OREG.) POLICE CRIME LABORATORY

HOLDINGS: 8,500 abstracts and indexes; 8,000 periodicals; 1,000 slides; 450 books; 5,500 pamphlets.

PUBLICATIONS: *Better Crop With Plant Food* (magazine, 4 issues a year); *Potash Newsletter* (4 a year, regionalized).

INFORMATION SERVICES: Answers inquiries; provides consulting and limited bibliographic services; provides speakers for meetings; makes field demonstrations; permits onsite use of collection.

POTATO ASSOCIATION OF AMERICA

1476 c/o Mr. John Campbell
New Jersey Agricultural Experiment Station
New Brunswick, N.J. 08903
Tel: (201) 247-1766

AREAS OF INTEREST: Research related to Irish potatoes, their production and handling, entomology and plant pathology, soils and fertilizers, food technology, seed potato certification, utilization, blight and virus diseases, nutrition, genetics, and cytology.

PUBLICATIONS: *American Potato Journal* (monthly).

INFORMATION SERVICES: Questions are answered or referred to specialists. Photocopies and reprints may be provided in answer to inquiries; usually, no fees are charged for these documents. Extensive literature searches are generally not undertaken.

PRESBYTERIAN MEDICAL CENTER

Medical Library and School of Nursing Library

1477 Presbyterian Medical Center
1719 East 19th Ave.
Denver, Colo. 80218
Tel: (303) 534-9011 Ext. 2251

AREAS OF INTEREST: Medicine, nursing, and hospital administration.

HOLDINGS: The two libraries are separately housed and staffed but both are supervised by the Medical Librarian. The Medical Library has a collection of about 2,900 volumes, 115 journal subscriptions, and audio digest tapes in internal medicine and surgery. The School of Nursing Library has a collection of about 2,500 volumes and 50 journal subscriptions.

INFORMATION SERVICES: Both libraries make interlibrary loans. Onsite use of the collections is permitted at the discretion of the librarian.

PRESIDENT'S COMMITTEE ON MENTAL RETARDATION

1478 Regional Office Bldg. 3, Room 2614
Seventh and D Sts. SW.
Washington, D.C. 20201
Tel: (202) 963-7851

This Committee advises the President on mental retardation programming and needs, acts as a liaison among organizations serving in the mental retardation field, and promotes public understanding of mental retardation and citizen action to combat it.

AREAS OF INTEREST: All aspects of the prevention and amelioration of mental retardation; mental retardation programs.

PUBLICATIONS: Newsletter, news releases of general interest, annual report, reports on areas of particular significance in the field of mental retardation.

INFORMATION SERVICES: Answers inquiries; makes referrals; promotes and conducts national information campaigns and conferences; disseminates information to the general public.

PRESIDENT'S COUNCIL ON PHYSICAL FITNESS AND SPORTS

1479 Regional Office Bldg. 3, Room 2600
Seventh and D Sts. SW.
Washington, D.C. 20202
Tel: (202) 962-8765

The Council's mission is to develop, implement, and coordinate a national program for physical fitness and sports.

AREAS OF INTEREST: Health and physical fitness appraisals of children, youth, and adults; physical education in schools and colleges; adult physical fitness programs; Federal services and programs relating to physical fitness and sports; facilities and equipment for programs; community and quasi-public recreation programs; research; cooperative medical symposia on physical fitness.

PUBLICATIONS: Physical fitness bulletins, brochures, and newsletters.

INFORMATION SERVICES: Teacher-training and other physical fitness films are made available to school systems, colleges, health departments, parent-teacher organizations, and recreation agencies. Articles alerting the public to the need for physical fit-

ness are supplied to scholastic, sports, and health journals and to major magazines.

PRINCETON UNIVERSITY

Biology Library

1480 Guyot Hall
Princeton University
Princeton, N.J. 08540
Tel: (609) 452-3235

AREAS OF INTEREST: Biological sciences; zoology; botany; physiology; ecology; molecular biology.

HOLDINGS: 60,000 books and bound periodicals.

INFORMATION SERVICES: Provides reference services; makes interlibrary loans through the University library; permits onsite use of collection. A coin-operated duplicating machine is available.

PSORIASIS RESEARCH ASSOCIATION

1481 107 Vista Del Grande
San Carlos, Calif. 94070
Tel: (415) 593-2374 or 593-1394

National Psoriasis Research Fund
c/o Eureka Federal Savings and Loan Assn.
4610 Mission St.
San Francisco, Calif. 94112

The National Psoriasis Research Fund is controlled by the Psoriasis Research Association and is solely for the purpose of financing research.

AREAS OF INTEREST: Psoriasis and related diseases, such as psoriatic arthritis; stimulation and support of clinical and laboratory research on the cause of and cure for psoriasis and related diseases; establishment of rehabilitation centers at larger medical centers where patients can be referred and treated; national fund raising program for psoriasis research and related conditions; educational program directed toward patients, physicians, and the public concerning psoriasis and research programs related to it.

HOLDINGS: Research reports, data compilations, unevaluated data, periodicals, pamphlets, reprints.

INFORMATION SERVICES: Answers inquiries; provides consulting services; prepares analyses and evaluations; makes referrals.

1482

PUBLIC HEALTH RESEARCH INSTITUTE OF THE CITY OF NEW YORK, INC.

**PUBLIC HEALTH RESEARCH
INSTITUTE OF THE CITY OF NEW
YORK, INC.**

1482 455 First Ave.
New York, N.Y. 10016
Tel: (212) 340-4440

AREAS OF INTEREST: Virology; viral oncology; molecular biophysics; genetics; microbiology; biochemistry.

HOLDINGS: 5,000 books; 150 periodical titles; reports.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; provides reference and duplication services; makes referrals; lends materials. Services are primarily for medical personnel and libraries.

PUBLIC HEALTH SERVICE

see Health, Education, and Welfare, Department of

**PUBLIC LIBRARY OF CINCINNATI
AND HAMILTON COUNTY**

Science and Industry Department

1483 Public Library of Cincinnati and Hamilton
County
800 Vine St.
Cincinnati, Ohio 45202
Tel: (513) 241-2636 Ext. 36 or 37

AREAS OF INTEREST: Science and technology in general; industrial chemistry; mechanical, electrical, and electronic engineering; machine tools; geology; agriculture; horticulture; trade directories.

HOLDINGS: 110,000 books and monographs; 40,000 bound volumes of journals, including abstract journals, some German and French chemical and engineering journals, and long runs of some of the older important chemical journals; 30,000 bound volumes of patents, including U.S., British (prior to August 1958), and Canadian patents (the Library is a U.S. Patent depository library); complete file of British Patent Abridgments of Specifications; 53,000 technical reports; 32,500 pamphlets; 1,900 bibliographies; outstanding collection of standards and specifications; 60 review titles; many important reference sets, including some in German. The Library is a full depository library for Government publications.

INFORMATION SERVICES: Answers inquiries; provides duplication services; makes referrals; lends circulating and some reference materials to County residents with library cards; makes interlibrary loans; permits onsite reference.

**PUERTO PENASCO MARINE
RESEARCH LABORATORY**

1484 c/o Coordinator of Marine Sciences
Department of Biological Sciences
University of Arizona
Tucson, Ariz. 85721
Tel: (602) 884-1588

The Laboratory is the property of the Universidad de Sonora and is operated jointly by the universities of Sonora and Arizona as part of their cooperative marine sciences program.

AREAS OF INTEREST: Research directed primarily toward floristic and faunistic studies, ecology, and oceanography of the Northern Gulf of California, with special programs in mariculture, planktonology, behavior, physiology, etc., according to investigators' interests.

HOLDINGS: Specimen reference collections.

PUBLICATIONS: The University of Arizona publishes field guides, research reports, and an annual tide calendar for the Northern Gulf of California.

INFORMATION SERVICES: Answers inquiries; provides some consulting services at cost.

The Laboratory, which is active throughout the year, provides research facilities, limited housing, and logistic support to visiting investigators on a fee basis. Researchers interested in carrying out studies at the Laboratory should make arrangements through the Coordinator of Marine Sciences, Department of Biological Sciences, University of Arizona or through the Jefe de la Estacion de Investigaciones Marinas, Aptdo. Post. 79, Puerto Penasco, Sonora, Mexico.

**PUERTO RICO AGRICULTURAL
EXPERIMENT STATION**

see University of Puerto Rico

**PUERTO RICO DEPARTMENT OF
HEALTH**

Division of Environmental Health

1485 Puerto Rico Department of Health
P.O. Box 9342
Santurce, Puerto Rico 00908
Tel: (809) 722-2050

PURDUE UNIVERSITY

1490

AREAS OF INTEREST: General sanitation in Puerto Rico.

INFORMATION SERVICES: Answers inquiries; provides consulting and translating services; prepares analyses; makes referrals.

Institute of Health Laboratories

1486 Puerto Rico Department of Health
P.O. Box 1730, Hato Rey Station
Hato Rey, Puerto Rico 00919

Location:

Puerto Rico Medical Center
Rio Piedras, Puerto Rico
Tel: (809) 767-2014

AREAS OF INTEREST: Clinical chemistry; clinical microbiology; clinical parasitology; water and milk sanitary control; food sanitary and quality control; clinical serology and immunology; air and water pollution; drugs; alcohol in blood; meat and poultry sanitary and quality control; clinical hematology.

HOLDINGS: Books, periodicals, reports.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting and reference services.

Research Office

1487 Puerto Rico Department of Health
San Juan, Puerto Rico 00919
Tel: (809) 722-2050

AREAS OF INTEREST: Health and public welfare in Puerto Rico; parasitosis.

HOLDINGS: 28,000 questionnaires.

PUBLICATIONS: Data compilations.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals.

PUERTO RICO DEPARTMENT OF LABOR

Bureau of Work Accident Prevention

1488 Puerto Rico Department of Labor
414 Barbosa Ave.
San Juan, Puerto Rico 00917
Tel: (809) 765-1270 or 765-3030 Ext. 221

AREAS OF INTEREST: Work accident prevention in all activities, including industrial hygiene; statistics; safety standards; safety promotion; safety inspection of working places; accident investigations.

PUBLICATIONS: *Illustrated Supplement* of the *Noticias del Trabajo* (bimonthly newspaper of the Department of Labor); *Industries Work Injuries Reports* (irregular); Spanish translations of latest *Threshold of Limit Values*.

INFORMATION SERVICES: Answers inquiries; provides consulting services; conducts educational workshops for chemists, engineers, and safety personnel; conducts first aid training courses; performs chemical analyses of air and some raw materials; participates in exhibits and demonstrations at meetings of employers, employees, and professional associations; participates in State and national campaigns of accident prevention; disseminates educational and informative educational materials among employers and employees.

PUGET SOUND MUSEUM OF NATURAL HISTORY

1489 1500 North Warner St.
Tacoma, Wash. 98406
Tel: (206) 759-3521

AREAS OF INTEREST: Fauna and some flora of the Northwestern United States and Northwestern Canada; mammals; birds; marine invertebrates; reptiles; amphibians.

HOLDINGS: 10,000 mammal skins; 10,000 bird skins; 7,500 reptiles and amphibians; 2,000 vertebrate skulls; 5,000 herbarium sheets of plant specimens.

PUBLICATIONS: *The Murrelet* (3 issues a year); technical reports.

INFORMATION SERVICES: Provides consulting and reference services.

PURDUE UNIVERSITY

Agricultural Engineering Department

1490 Purdue University
Lafayette, Ind. 47907
Tel: (317) 749-3770

AREAS OF INTEREST: Agricultural production equipment; food processing; grain storage and processing; livestock housing; livestock waste management; soil erosion control; water pollution prevention; watershed hydrology; physical properties of biological materials; color sorting.

HOLDINGS: Small collection of books, periodicals, and reports.

1491

PURDUE UNIVERSITY

INFORMATION SERVICES: Answers inquiries and disseminates publications free; provides building plans for nominal fee.

Agricultural Experiment Station

Agricultural Information Department

1491 Agricultural Administration Bldg.
Purdue University
Lafayette, Ind. 47907
Tel: (317) 749-2417

AREAS OF INTEREST: Agricultural and home economics research, including agricultural engineering, agronomy (crops, soils), animal and poultry sciences, botany and plant pathology, entomology, forestry and conservation, horticulture, veterinary science, biochemistry, and intermediary metabolism research.

HOLDINGS: Reports, data.

PUBLICATIONS: *Research Bulletin* (20 a year); *Research Progress Reports* (50-60 a year); *Agricultural Science Digest* (bimonthly newsletter); journal articles (250-275 a year).

INFORMATION SERVICES: Supplies information to both rural and urban residents of Indiana through publications, stories, photos, tapes, etc. to newspapers, magazines, and radio and television stations.

Department of Forestry and Conservation

1492 Purdue University
Horticulture Bldg.
Lafayette, Ind. 47907
Tel: (317) 749-2488

AREAS OF INTEREST: Forestry; wildlife biology; fisheries biology; conservation; outdoor recreation management; international forestry; wood utilization.

HOLDINGS: A departmental library of 6,500 volumes plus pamphlets.

PUBLICATIONS: Research and extension bulletins, books, professional papers.

INFORMATION SERVICES: Answers inquiries and carries out an extension education program in forestry, wildlife, and wood utilization.

Department of Pharmacology and Toxicology

1493 School of Pharmacy and Pharmacal Sciences

Purdue University
Lafayette, Ind. 47907
Tel: (317) 749-4241

AREAS OF INTEREST: Pharmacology, including behavioral pharmacology, neuropharmacology, and biochemical pharmacology; behavioral effects of solvents; drug toxicology; drug metabolism; metabolic effects of stress; enzyme induction by drugs and by stress.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

Institute for Environmental Health Studies

1494 Purdue University
Lafayette, Ind. 47907
Tel: (317) 749-3537

AREAS OF INTEREST: Biological effects and toxicology of environmental toxicants, including air and water pollutants, pesticides and agricultural chemicals, mycotoxins, food and feed additives, heavy metals, and noise and radiation stress. Particular attention is directed toward environmental causes of cancer; response of target tissue to environmental carcinogens; ecology and pharmacologic evaluation of environmental toxicants; synergistic interaction between chemical toxicants and viruses; biochemical response to toxicants; metabolism of toxicants in animal organisms; and preclinical sensing of environmental stressor toxicity.

PUBLICATIONS: *Communique* (quarterly newsletter); theses.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services.

Trace Level Research Institute

1495 Purdue University
Lafayette, Ind. 47907
Tel: (317) 749-2734

AREAS OF INTEREST: Pharmacology, toxicology, and metabolism, with particular emphasis on chemical residues left in living systems by food additives, animal feed additives, drugs, cosmetics, animal growth promoters, plant nutrients and hormones, pesticides, and soil additives.

HOLDINGS: Data.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services and conducts research for fee.

The Institute has analytical, chemical, pharmacological, biochemical, and toxicological facilities, facilities for radioisotope and ionizing radiation detection and measurement, whole body liquid scintillation detectors, and computers.

University Libraries and Audio-Visual Center

1496 Purdue University
Lafayette, Ind. 47907
Tel: (317) 749-2571

AREAS OF INTEREST: Science, engineering, and technology, including aeronautical and engineering sciences; agriculture and agricultural economics; biology; biochemistry; civil, electrical, industrial, mechanical, nuclear, chemical, and metallurgical engineering; chemistry; forestry and horticulture; geosciences; mathematics; computer sciences; pharmacy; physics; psychology; veterinary science and medicine; engineering history; home economics; life sciences.

HOLDINGS: 1 million books; 14,000 journals; reports, patents, newspapers; translations of foreign journal articles and a listing of translations available for purchase from off-campus agencies; a map collection of 75,500 items that includes those deposited by the U.S. Army Map Service, the U.S. Geological Survey, and the Department of Agriculture. The Audio-Visual Center has a collection of 3,300 films and 5,600 tapes for use as teaching aids.

PUBLICATIONS: Accessions list, news journal, indexes, bibliographies, reports.

INFORMATION SERVICES: Makes interlibrary loans. The Audio-Visual Center lends films and tapes to approved persons.

Water Resources Research Center

1497 Life Science Bldg.
Purdue University
Lafayette, Ind. 47907
Tel: (317) 494-4061

AREAS OF INTEREST: Watershed hydrology; urban hydrology; hydraulics; groundwater stream classification; pesticide pollution of reservoirs; infiltration; stream pollution; ecology; systems analysis; water resources manpower; sedimentation; water flow through a porous media; surface retention of water; engineering design; waste water treatment; water supply.

HOLDINGS: Reports, periodicals, newsletters, bulletins, reviews, maps, charts, drill cores, soil samples, industrial waste samples, 50-year rainfall and

temperature records on punched cards and magnetic tape, watershed runoff records on punched cards.

PUBLICATIONS: Technical bulletins, reports from research projects.

INFORMATION SERVICES: Answers inquiries; makes referrals; lends master's and doctoral theses.

PURE BRED DAIRY CATTLE ASSOCIATION

1498 Box 126
Peterborough, N.H. 03458
Tel: (603) 924-3344

AREAS OF INTEREST: Pure bred dairy cattle; artificial insemination.

INFORMATION SERVICES: Answers inquiries; provides reference services; makes referrals. The Association is the source of supply for certain forms and literature used by all member breed organizations.

PURITAN-BENNETT CORP.

1499 Oak at 13th St.
Kansas City, Mo. 64106
Tel: (816) 421-2122

AREAS OF INTEREST: Respiration in man; manual resuscitators, nebulizers, and portable oxygen equipment (including regulators and flowmeters) for medical use; anesthesia masks and apparatus; pressure breathing apparatus; oxygen valves and masks for airplane passengers and crews.

HOLDINGS: 6,500 abstracts and indexes; 2,000 periodicals; 3,000 standards and specifications; 2,250 books; 2,000 photos; 1,000 slides; 750 data compilations; 450 project records; 550 technical reports; 400 press releases; 200 reprints; 100 publication lists; 100 bibliographies; newspapers, magnetic tapes, motion pictures, posters and display materials, respiration equipment.

PUBLICATIONS: Catalogs, pamphlets.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting and limited bibliographic services; prepares analyses and evaluations; permits onsite use of collection. Services are primarily for qualified medical or paramedical personnel.

1500

**QUALITY BAKERS OF AMERICA
COOPERATIVE**

1500 120 West 42d St.
New York, N.Y. 10036
Tel: (212) 790-9225

AREAS OF INTEREST: All phases of the baking industry specifically (including processing of flour) and the food industry in general.

HOLDINGS: 550 standards and specifications; 1,200 samples of baked foods (discarded monthly).

INFORMATION SERVICES: Answers inquiries; makes referrals; provides analytical, identification, and testing services on baking ingredients.

Facilities include a headquarters laboratory, mobile laboratory, and access to 143 bakeries for use as pilot plants.

**QUEENS COLLEGE OF THE CITY OF
NEW YORK**

Department of Biology

1501 Queens College of the City of New York
Flushing, N.Y. 11367
Tel: (212) 445-7500 Ext. 418

AREAS OF INTEREST: Biological science, including teaching and research.

HOLDINGS: 1,000 books; 250 periodical titles.

INFORMATION SERVICES: Answers inquiries; makes interlibrary loans.

**QUETICO-SUPERIOR WILDERNESS
RESEARCH CENTER**

1502 215 West Oxford St.
Duluth, Minn. 55803
Tel: (218) 724-0095

AREAS OF INTEREST: Basic research in ecological effects on flora and fauna of forest fire and prescribed burning; flower induction, grafting, and breeding; wilderness ecology and taxonomy.

HOLDINGS: 12,000 plant and animal specimens; small research library of books, journals, technical reports, reviews, abstracts, newsletters, reprints, bibliographies, pamphlets, brochures, news releases, publication lists, and clippings.

PUBLICATIONS: Technical notes, annual report.

QUALITY BAKERS OF AMERICA COOPERATIVE

INFORMATION SERVICES: Answers inquiries; makes referrals; lends specimens; permits onsite use of collections by special arrangement.

**RADIATION SHIELDING
INFORMATION CENTER**

see Oak Ridge National Laboratory

**RADIOTOXICOLOGY INFORMATION
CENTER**

see Environmental Protection Agency. Office of Research and Monitoring. National Environmental Research Center (Research Triangle Park)

RAINIER BREWING CO.

Quality Control Laboratories

1503 Rainier Brewing Co.
3100 Airport Way South
Seattle, Wash. 98134
Tel: (206) 622-2600

AREAS OF INTEREST: Beer brewing (raw materials and analysis, including yeast and hops, process, fermentation, equipment, by-products); beer (chemistry, flavor, stability, consumption).

HOLDINGS: 220 books; journals, patents.

INFORMATION SERVICES: Permits onsite reference.

RALSTON PURINA CO.

Management Information Center

1504 Ralston Purina Co.
Checkerboard Square
St. Louis, Mo. 63188
Tel: (314) 982-2150 or 982-2181

AREAS OF INTEREST: Nutrition; veterinary medicine; biochemistry; analytical chemistry; protein chemistry; world food supply; food and feed processing; food sanitation; expanding interests in business and management.

HOLDINGS: 7,500 volumes; 450 journal subscriptions; 155 vertical file drawers of pamphlets and reports.

INFORMATION SERVICES: Makes interlibrary loans; permits onsite use of collection on request.

RESEARCH AND DEVELOPMENT INSTITUTE OF THE UNITED STATES (RADIUS)

1505 P.O. Box 7220
Tulsa, Okla. 74105

Location:

Thompson Bldg., Room 310
Tulsa, Okla.
Tel: (918) 587-2333

AREAS OF INTEREST: Research and development in all subjects, especially water and air pollution, transportation, engineering, geophysics, data processing, cybernetics, automation, medical computer systems, quality control, reliability, and space. The Institute has organized 159 colleges and universities in a five-State region (Arkansas, Kansas, Louisiana, Missouri, and Oklahoma) to explore the feasibility of a data-communications link network.

HOLDINGS: 500 books; 25 periodical titles; 500 reports; Iran, Pakistan, and some United States maps.

PUBLICATIONS: Periodicals, books, abstracts, directories, specifications, bibliographies, reports, maps.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting and reference services. Services are provided on a fee basis to all users, except as otherwise provided in specific Government contracts.

RESEARCH FOUNDATION OF KANSAS

1506 Ramada Executive Bldg., Suite 23
5th and Jefferson Sts.
Topeka, Kans. 66607
Tel: (913) 296-3581

AREAS OF INTEREST: Research conducted in Kansas in all areas of intellectual endeavor, including the sciences, technology, humanities, and arts; application of research results for the benefit of the State.

HOLDINGS: Data and reports on the research activities and resources of the State of Kansas; rosters of research and development specialists, specialized facilities, consulting engineers, and management consultants.

PUBLICATIONS: *Research News* (monthly); annual report, technical reports, rosters of facilities and specialists, inventory of research resources.

INFORMATION SERVICES: Answers inquiries on research; makes referrals.

RESEARCH TRIANGLE INSTITUTE

1507 P.O. Box 12194
Research Triangle Park, N.C. 27709
Tel: (919) 549-8311

A not-for-profit contract research organization formed by and affiliated with the University of North Carolina at Chapel Hill, Duke University at Durham, and North Carolina State University at Raleigh, the Research Triangle Institute operates separately from the universities with a permanent full-time staff of over 400 professional and support personnel. The Institute occupies eight laboratory and office buildings on a central campus in the Research Triangle Park, midway between the three schools.

AREAS OF INTEREST: Research in: air and water pollution; behavioral sciences; biochemistry; biomedical engineering; cancer chemotherapy; census evaluations; civil defense; desalination; drug abuse; drug metabolism; economic forecasting; educational assessment; engineering physics; environmental systems; epidemiology; fibers and films; health economics; industrial processes; information systems; instrumentation; lasers; manpower and employment; materials; medical care systems; meteorology; oceanography; operations research; pharmacology; polymer physics and chemistry; population planning; production and distribution; radar systems; recreation; regional economics; sample surveys; satellite data interpretation; seismology; sensors; State planning; statistical theory; synthetic organic chemistry; system and device reliability; traffic safety; transportation; waste processing; water quality.

HOLDINGS: Regional mass spectrometry center.

PUBLICATIONS: Publications lists are available.

INFORMATION SERVICES: Conducts research on a contract basis for Federal, State, and local government departments, public service agencies, foundations, and private industry.

RESOURCES FOR THE FUTURE, INC.

1508 1755 Massachusetts Ave. NW.
Washington, D.C. 20036
Tel: (202) 462-4400

1509

AREAS OF INTEREST: Development, conservation, and use of natural resources; energy; minerals; land use and management; water resources; environmental quality; regional and urban studies.

HOLDINGS: A working collection of literature and data (for internal use only).

PUBLICATIONS: *Resources* (leaflet issued 3 times a year); annual report; reprints of selected papers by staff members. Single copies of the above publications are free on request. Research results are published in book form by The Johns Hopkins Press.

INFORMATION SERVICES: Answers inquiries as staff time permits; makes referrals.

RETINA FOUNDATION

1509 20 Staniford St.
Boston, Mass. 02114
Tel: (617) 742-3140

AREAS OF INTEREST: Bioenergetics; connective tissues; developmental biology; muscle; retina; cornea research.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Books, reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services; lends materials; permits onsite use of collection.

RHODE ISLAND AGRICULTURAL EXPERIMENT STATION

see University of Rhode Island

RHODE ISLAND COLLEGE

Department of Biology

1510 Rhode Island College
Providence, R.I. 02908
Tel: (401) 831-6600

AREAS OF INTEREST: Immunobiology; cytology; mammalogy; mycology; ecology; skin pigmentation.

HOLDINGS: 100,000 books; 1,000 periodical titles; films.

INFORMATION SERVICES: Answers inquiries; provides consulting services on contractual basis; lends materials (a fee may be charged for films).

RETINA FOUNDATION

RHODE ISLAND DEPARTMENT OF NATURAL RESOURCES

Division of Fish and Wildlife

1511 Rhode Island Department of Natural Resources
Veterans' Memorial Bldg.
Providence, R.I. 02903
Tel: (401) 277-2784

AREAS OF INTEREST: Game management; shellfish research; fish propagation and management; fish-kills; freshwater and marine fisheries (commercial and sport); pollution; herbicides; water chemistry.

HOLDINGS: A small reference collection of books, periodicals, and reports.

PUBLICATIONS: Books, reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

RHODE ISLAND MEDICAL SOCIETY LIBRARY

1512 106 Francis St.
Providence, R.I. 02903
Tel: (401) 331-3208

AREAS OF INTEREST: Medicine, including clinical, economic, and historical aspects; industrial medicine; legal medicine; pharmacology; therapeutics; veterinary medicine.

HOLDINGS: 50,000 books and bound journals; unbound journals, reports, films, photographs, maps and charts. The Library maintains a small collection on veterinary medicine and the James Henry Davenport Collection of nontechnical items by and about physicians.

PUBLICATIONS: *Rhode Island Medical Journal* (monthly).

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting, reference, and literature-searching services; provides duplication services for a fee to the public; makes interlibrary loans. All services are free to physicians and libraries.

RICE UNIVERSITY

Laboratory of Environmental Science and Engineering

1513 Rice University

P.O. Box 1892
Houston, Tex. 77001
Tel: (713) 528-4141 Ext. 508

AREAS OF INTEREST: Biological treatment of industrial wastes; systems analysis of water resources problems; water pollution control; streams; water quality; water reuse; plant physiology; life support systems; ecological systems.

HOLDINGS: Books, periodicals, monographs.

PUBLICATIONS: *Water Technology--A Multidisciplinary Perspective*; *Environmental Pollution--A Challenge to Science and Technology*. A complete list of papers and reports is available.

INFORMATION SERVICES: Individual staff members provide consulting services on a fee basis.

RICHARD B. RUSSELL AGRICULTURAL RESEARCH CENTER

see Agriculture, Department of. Agricultural Research Service. Southeastern Marketing and Nutrition Research Division

RIVERSIDE HOSPITAL

1514 Powerville Rd.
Boonton, N.J. 07005
Tel: (201) 334-5000

AREAS OF INTEREST: Medicine.

HOLDINGS: Small reference collection of books, journals, and slides.

INFORMATION SERVICES: Library material is available for loan and onsite use by members of the medical profession.

ROEDING PARK ZOO

1515 890 West Belmont Ave.
Fresno, Calif. 93728
Tel: (209) 266-8031 Ext. 549

AREAS OF INTEREST: Exotic animals; animal pathology; birds and reptiles.

HOLDINGS: 175 mammals; 350 birds; 55 reptiles; 300 slides; books, pamphlets, reprints, clippings.

PUBLICATIONS: Annual report, research reports.

INFORMATION SERVICES: Answers inquiries; provides consulting and literature-searching services; makes referrals; permits onsite reference.

ROLLINS COLLEGE

Bush Science Library

1516 Rollins College
Winter Park, Fla. 32789
Tel: (305) 646-2000 Ext. 2576

AREAS OF INTEREST: Biology; chemistry; mathematics; physics.

HOLDINGS: 7,600 books; 105 periodical titles.

INFORMATION SERVICES: Answers inquiries; provides reference services; provides duplication services for fee; makes interlibrary loans; permits onsite use of collection.

ROSWELL PARK MEMORIAL INSTITUTE

Department of Experimental Therapeutics

1517 Roswell Park Memorial Institute
666 Elm St.
Buffalo, N.Y. 14203
Tel: (716) 845-5759

AREAS OF INTEREST: Cancer chemotherapy; development of new compounds; preclinical toxicology; drug metabolism; drug metabolizing enzymes; drug resistance; biochemical effects of chemotherapeutic drugs; experimental therapy; growth inhibitory action of hormones; tumor chemotherapy and immunity.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Abstracts, books, original scientific reports, critical reviews.

INFORMATION SERVICES: Answers inquiries; provides consulting services to professional colleagues concerned with research in cancer chemotherapy.

Medical and Scientific Library

1518 Roswell Park Memorial Institute
666 Elm St.
Buffalo, N.Y. 14203
Tel: (716) 845-3213

AREAS OF INTEREST: Cancer treatment, research, and education; tobacco and smoking; crystallography; virus and cell research; experimental pharmacology and therapeutics; medicine; nursing; chemistry; biology; physics.

1519

HOLDINGS: 25,000 books and bound periodicals; 430 periodical subscriptions.

INFORMATION SERVICES: Answers inquiries; makes interlibrary loans; permits onsite use of collection. Only qualified or referred patrons may withdraw materials.

Orchard Park Laboratories

1519 Roswell Park Memorial Institute
P.O. Drawer 312
Orchard Park, N.Y. 14127
Tel: (716) 886-2700 Ext. 582

AREAS OF INTEREST: Cigarette smoke; chemical carcinogens.

INFORMATION SERVICES: Answers inquiries.

Springville Laboratories

1520 Roswell Park Memorial Institute
571 Main St.
Springville, N.Y. 14141
Tel: (716) 592-2834

AREAS OF INTEREST: Medicine; biology; biochemistry; biophysics; laboratory animals; malignant neoplasms; hematology.

HOLDINGS: The Laboratories use apes, monkeys, dogs, and various species and strains of rodents and birds in their research. A small collection of books and periodicals is also maintained.

PUBLICATIONS: Articles in professional literature.

INFORMATION SERVICES: Lends published materials.

RUTGERS--THE STATE UNIVERSITY

Center of Alcohol Studies

1521 Rutgers--The State University
New Brunswick, N.J. 08901
Tel: (201) 247-1766

The Center, aided by a grant from the National Institute of Mental Health, U.S. Public Health Service, collects, classifies, and abstracts scientific literature on alcohol and alcoholism.

AREAS OF INTEREST: Alcohol (except for technical and industrial uses); alcoholism; biological and social effects of alcohol and alcoholism; physiology; biochemistry; psychiatry; psychology; sociology; economics; education; law; medicine; penology.

HOLDINGS: The Center maintains the Master Catalog of Alcohol Literature (more than 125,000 classified

ROSWELL PARK MEMORIAL INSTITUTE

references in all major languages), and the Classified Abstract Archive of the Alcohol Literature (CAAAL). CAAAL consists of more than 12,000 English language abstracts dealing with the world literature since 1939 (and with selected topics before that date), published on edge-notched sorting cards for rapid retrieval. The Center also maintains a small special library of 2,500 books, 300 journal titles, and 10,400 complete texts of materials abstracted in CAAAL. About 370 special bibliographies, prepared from CAAAL abstracts, are in the collections.

PUBLICATIONS: *Quarterly Journal of Studies on Alcohol*; *CAAAL Manual*; *International Bibliography of Studies on Alcohol*; *Monographs of the Rutgers Center of Alcohol Studies*; *Alcoholism Treatment Digest*; *Popular Pamphlets on Alcohol Problems*; miscellaneous books and pamphlets. A catalog of publications is available.

INFORMATION SERVICES: Answers inquiries; prepares topical bibliographies from CAAAL and provides photocopies of abstracts and library materials for a fee. Library resources are available to approved academic users and members of professional, industrial, and welfare organizations through interlibrary loan, and for onsite use by appointment. Complete sets of CAAAL cards are kept at 51 depositories, located in the United States, Europe, South America, Australia, and Asia. (The Center will refer inquiries to the closest depository library.) Current CAAAL cards are made available to libraries, institutions, and organizations on an annual subscription basis. Earlier annual sets are also available.

College of Agriculture and Environmental Science

Bureau of Conservation and Environmental Science

1522 College of Agriculture and Environmental Science
Rutgers--The State University
New Brunswick, N.J. 08903
Tel: (201) 247-1766 Ext. 1447

AREAS OF INTEREST: Multidiscipline interdepartmental training and research into environmental toxicology and physiology, fate of chemical contaminants in the environment, depollution and recycling of water, disposal of animal wastes, optimum land use and environmental management, and conversion of waste sources of carbohydrate energy and protein into animal fodder.

HOLDINGS: The Bureau has access to the entire University library collection of texts, journals, reports, etc., covering all aspects of agriculture, medicine, biology, geology, mathematics, chemistry, physics, and environmental science, and access to complete statistical computation facilities.

PUBLICATIONS: *News & Views* (occasional); technical reports in science journals; popular and technical expository papers.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services.

Department of Agricultural Chemistry

1523 College of Agriculture and Environmental Science

Rutgers--The State University
New Brunswick, N.J. 08903
Tel: (201) 247-1766 Ext. 1706

AREAS OF INTEREST: Agricultural chemistry and related topics, such as feed additives, pesticides, plant food nutrients, toxic household products, analytical methodology (chromatography and spectrophotometry), and the toxicity, mode of action, and interactions of the original compounds and their degradation products; pesticide residues; environmental contamination of agricultural commodities; nutrition; agricultural waste products (quantities, sources, disposal, etc.).

HOLDINGS: The Department uses the collections of the College of Agriculture and Environmental Science Library and the University Library.

PUBLICATIONS: Articles in scientific journals, bulletins, annual report.

INFORMATION SERVICES: Answers inquiries; provides reference services; makes referrals.

Library

1524 College of Agriculture and Environmental Science

Rutgers--The State University
New Brunswick, N.J. 08903
Tel: (201) 247-1776 Ext. 1358

AREAS OF INTEREST: Agricultural sciences; environmental science; biomedical research; water pollution; sanitary and water engineering; meteorology; food science; wildlife conservation; animal and plant physiology; animal and veterinary science; soils; entomology; horticulture; forestry.

HOLDINGS: 17,000 books; 15,000 bound volumes of journals; 10,000 documents; 1,500 soil maps; archives of published and unpublished manuscripts

dating back to 1920. All material is indexed by subject and author.

INFORMATION SERVICES: Answers inquiries; provides duplication services; makes interlibrary loans; permits onsite use of collection.

Department of Bacteriology

1525 Nelson Biological Laboratories
Rutgers--The State University
New Brunswick, N.J. 08903
Tel: (601) 247-1766 Ext. 2323

AREAS OF INTEREST: Bacteriology; microbiology.

HOLDINGS: Small collection of books, some of historical interest.

INFORMATION SERVICES: Provides reference services, primarily to students and staff members.

Department of Entomology and Economic Zoology

1526 Rutgers--The State University
New Brunswick, N.J. 08903
Tel: (201) 247-1766 Ext. 1774

AREAS OF INTEREST: Biology and management of insects and other pest animals, including arthropods, nematodes, birds, and mammals, and the safe use of chemicals in the control of these pests.

HOLDINGS: The Bailey B. Pepper Entomology Library has about 7,000 volumes of books, journals, and other literature. Certain European entomological journals before 1920 are available in long series.

PUBLICATIONS: Research findings are published in scientific journals or in New Jersey Agricultural Experiment Station bulletins.

INFORMATION SERVICES: Answers inquiries; provides reference and consulting services; distributes reprints of journal articles and copies of appropriate Agricultural Experiment Station bulletins while the supply lasts; makes interlibrary loans; permits onsite use of literature collection.

Institute of Microbiology Library

1527 Waksman Hall
University Heights Campus
Rutgers--The State University
New Brunswick, N.J. 08903
Tel: (201) 247-1766 Ext. 2461

AREAS OF INTEREST: Microbiology; immunology; antibiotics.

1528

HOLDINGS: 5,380 books; 6,790 bound volumes of journals; 17 vertical file drawers of reprints and patents.

PUBLICATIONS: Annual report.

INFORMATION SERVICES: Answers inquiries; provides reference and duplication services; makes referrals; makes direct and interlibrary loans.

Library of Science and Medicine

1528 Rutgers--The State University
New Brunswick, N.J. 08903
Tel: (201) 247-1766

AREAS OF INTEREST: Biological and health sciences; chemistry, including inorganic, analytical, and organic; engineering, including electrical, mechanical, chemical, civil, and soil mechanics; physics; ceramics; metallurgy; geosciences; mathematics; computer technology.

HOLDINGS: Books, journals, reports, and patents, including material in all major languages. The Library is a depository for U.S. Government documents.

INFORMATION SERVICES: Permits onsite reference; makes interlibrary loans; provides duplication services.

New Jersey Agricultural Experiment Station

1529 Rutgers--The State University
New Brunswick, N.J. 08903
Tel: (201) 247-1766 Ext. 1867

AREAS OF INTEREST: Agricultural sciences; biology; sanitary and water engineering; meteorology; food science; environmental sciences.

PUBLICATIONS: *Re-Search* (quarterly); reports.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services regarding State agricultural and environmental problems.

SAFETY EQUIPMENT DISTRIBUTORS ASSOCIATION

1530 Box 515
1 Stone Pl.
Bronxville, N.Y. 10708
Tel: (914) 779-9602

AREAS OF INTEREST: Safety equipment and wearing apparel for protection from industrial hazards; personal protective equipment for head, eyes, respiratory system, body, and skin.

RUTGERS--THE STATE UNIVERSITY

INFORMATION SERVICES: Answers inquiries regarding standards, product performance, or other broad industry matters.

SAINT JOHN'S UNIVERSITY

College of Pharmacy

1531 St. John's University
Grand Central and Utopia Parkways
Jamaica, N.Y. 11432
Tel: (212) 526-3700 (Ext. 411, Division of Toxicology)

AREAS OF INTEREST: Pharmacy, including pharmacology and pharmacognosy; toxicology; drug abuse.

HOLDINGS: Fairly extensive collection of books and periodicals.

INFORMATION SERVICES: Answers inquiries from pharmacists and medical personnel; provides consulting services free to nonprofit institutions and for fee to others, depending on purpose.

SAINT LOUIS COLLEGE OF PHARMACY

O. J. Cloughly Library

1532 St. Louis College of Pharmacy
4588 Parkview Pl.
St. Louis, Mo. 63110
Tel: (314) 367-8700

AREAS OF INTEREST: All aspects of pharmacy, including pharmacology, pharmacognosy, and history of pharmacy; poisonous plants; drugs and adverse reactions; LSD.

HOLDINGS: Collection of books, periodicals, reports, pharmacopoeias, foreign drug directories, drug trade newspapers and periodicals, and a card file index of adverse drug reactions.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and loan services to professional personnel; provides duplication services for fee; permits onsite use of collection.

SAINT LOUIS DIVISION OF HEALTH

Public Health Laboratory Services

1533 St. Louis Division of Health
Municipal Courts Bldg., Room 32

SAINT LOUIS ZOOLOGICAL PARK

14th and Market Sts.
St. Louis, Mo. 63103
Tel: (314) 453-4221

AREAS OF INTEREST: Laboratory testing in the areas of mycology, bacteriology, parasitology, virology, serology, water and food analysis, heavy metals, radioactive chemicals, and pesticides.

HOLDINGS: 500 books; 25 journal subscriptions.

INFORMATION SERVICES: Answers inquiries; provides reference and consulting services; provides referral services to organization members and private physicians; conducts educational workshops and bench training; performs diagnostic tests.

SAINT LOUIS MEDICAL SOCIETY AND SAINT LOUIS SOCIETY FOR MEDICAL AND SCIENTIFIC EDUCATION

1534 3839 Lindell Blvd.
St. Louis, Mo. 63108
Tel: (314) 371-5225

AREAS OF INTEREST: All aspects of the medical sciences.

HOLDINGS: The Society maintains a library and a museum. The library contains 56,000 books and bound journals, 325 journal subscriptions, as well as pamphlets, reprints, reports, data, and various non-printed materials. Literature is in English, Italian, French, Latin, and medieval German. Special collections are: the Robert E. Schlueter collection of medical history since the 16th century; the St. Louis collection, comprising over 150 years of medical writing and publication by St. Louisans; the 1,000 volumes of the Paracelsus collection of the works of Paracelsus on medieval medicine; and the James Moores Ball collection of medical historical writings. The museum collection consists of life size dioramas of historically famous St. Louis physicians, hospitals, pharmacies, dental offices, and other medical facilities, and displays of medical instruments, medical books, and medical history. The museum also exhibits the National Museum of Medical Quackery (on loan from the Department of Health, Education, and Welfare through the Food and Drug Administration).

PUBLICATIONS: *St. Louis Medicine* (semimonthly); *W. W. Graves Lectures on the Human Constitution* (biennial); *Annual Pictorial Roster of Physicians* and *Directory of Health Care Delivery Services* for the bi-State eight-county area of Metropolitan St. Louis.

1536

INFORMATION SERVICES: Both the library and the museum are open to the public. Health information questions by the public are answered. Bibliographic searches are made by the library staff for member physicians. Photocopying is done and personal and interlibrary loans are available. There is no charge for any service to members of the St. Louis Society for Medical and Scientific Education. Memberships may be obtained by others in the scientific and technical community for limited use of library material.

SAINT LOUIS UNIVERSITY

Molecular Virology Institute

1535 St. Louis University School of Medicine
3681 Park Ave.
St. Louis, Mo. 63110
Tel: (314) 865-2288 Ext. 527

The Institute is sponsored, in part, by the National Institute of Allergy and Infectious Diseases.

AREAS OF INTEREST: Mechanism of replication of and cell transformation by DNA and RNA viruses.

HOLDINGS: Collection of 330 journals, 100 technical reports, 3,750 reprints, 125 project records, reviews, books, data compilations, and unevaluated data.

PUBLICATIONS: Reprints.

INFORMATION SERVICES: Answers inquiries; makes referrals.

SAINT LOUIS ZOOLOGICAL PARK

Tissue Bank

1536 St. Louis Zoological Park
Forest Park
St. Louis, Mo. 63110
Tel: (314) 781-0900 Ext. 77

The purpose of the Tissue Bank is to make available to biomedical researchers and educators tissues from fauna that have died in the collection. It is operated as an integral part of the research department at the zoo.

AREAS OF INTEREST: Tissues from animals (frozen or fixed).

HOLDINGS: Over 1,500 tissue specimens.

PUBLICATIONS: A free catalog listing all frozen and fixed tissues.

1537

INFORMATION SERVICES: Tissues are available for purchase at a nominal cost to cover collecting expenses.

SAINT VINCENT'S HOSPITAL AND MEDICAL CENTER OF NEW YORK

Cardiopulmonary Laboratory

1537 St. Vincent's Hospital and Medical Center of
New York
153 West 11th St.
New York, N.Y. 10011
Tel: (212) 620-1549

AREAS OF INTEREST: Cardiopulmonary research; irritants; aerosols; drugs; effects of cigarette smoking and other air pollutants on the normal and abnormal lung; effects of small amounts of carboxyhemoglobin on cardiorespiratory function in man; air pollutants in gaseous and particulate form; effects of a controlled environment upon respiratory functions; gas chromatography (measurement of pollutant levels); studies of cardiac metabolism and coronary blood flow; studies on the management of coronary shock; studies of atypical hemoglobin formation in subjects exposed to abnormal pollutant levels; studies on the effects of heart-lung oxygenator in open-heart surgery; studies on the post open-heart surgical patient; studies on patients with myocardial infarction.

HOLDINGS: Small collection of books, periodicals, reports, and slides for teaching and demonstration.

PUBLICATIONS: Scientific papers in technical journals, textbooks on cardiology.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; exchanges data with others in similar fields.

THE SALK INSTITUTE

Szilard Collection

1538 The Salk Institute
P.O. Box 1809
San Diego, Calif. 92112

Location:

10010 Torrey Pines Rd.
La Jolla, Calif.
Tel: (714) 453-4100

SAINT VINCENT'S HOSPITAL AND MEDICAL CENTER

AREAS OF INTEREST: The neurosciences, especially the historical growth of ideas about the brain and nervous system from antiquity to the present.

HOLDINGS: The collection includes editions of Hippocrates, Galen, Leonardo da Vinci, Willis, von Haller, Descartes, Harvey, du Bois Reymond, Monro, Bell, Adrian, and Sherrington.

PUBLICATIONS: A catalog is in preparation.

INFORMATION SERVICES: Answers written inquiries; provides duplication services.

SAM HOUSTON STATE UNIVERSITY

Agriculture Department

1539 Sam Houston State University
P.O. Box 2088
Huntsville, Tex. 77340
Tel: (713) 295-6211 Ext. 2130

AREAS OF INTEREST: Agricultural education, business, mechanics, and technology; animal science; horticulture; food science; plant and soil science.

HOLDINGS: 25,000 books; 250 periodical titles; 25,000 reports.

PUBLICATIONS: Mimeographs of class and research materials.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, literature-searching, and duplication services; makes referrals; makes inter-library loans. Services are primarily for State residents.

Biology Department

1540 Sam Houston State University
Huntsville, Tex. 77340
Tel: (713) 295-6211 Ext. 2292

AREAS OF INTEREST: Apiculture; entomology; helminthology; herpetology; ichthyology; limnology; ornithology; paleontology; phycology; plant taxonomy.

HOLDINGS: 50,000 books; 100 periodical titles; reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

SAN ANTONIO METROPOLITAN HEALTH DISTRICT

1541 131 West Nueva St.

San Antonio, Tex. 78204

Tel: (512) 225-5661 Ext. 301

AREAS OF INTEREST: All aspects of public health, including communicable disease control, dental health, environmental sanitation (inspection of private premises and food establishments, insect and rodent control, water quality control, liquid waste disposal, occupational health, air pollution control), health education, public health nursing, meat inspection, milk and dairy products inspection, rabies control, and vital statistics.

HOLDINGS: Reports, vital statistics.

PUBLICATIONS: Pamphlets, news releases, brochure.

INFORMATION SERVICES: Answers inquiries and complaints; provides consulting, advisory, and inspection services; distributes health educational materials and conducts health educational programs and training courses; makes referrals. Services are provided free to anyone in the Health District's jurisdiction.

SAN BERNARDINO COUNTY SHERIFF'S DEPARTMENT

Laboratory of Criminalistics

1542 San Bernardino County Sheriff's Department
P.O. Box 569
San Bernardino, Calif. 92401

Location:

3d and Arrowhead Sts.

San Bernardino, Calif.

Tel: (714) 383-2511 Ext. 329

AREAS OF INTEREST: General criminalistics (forensic chemistry); analysis and identification of drugs and narcotics; forensic toxicology.

HOLDINGS: 50 periodical titles; books, reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services; provides examination, comparison, and interpretation of physical evidence received from criminal investigations. Services are available primarily to law enforcement agencies in San Bernardino County.

SAN DIEGO COUNTY DEPARTMENT OF PUBLIC HEALTH

1543 1600 Pacific Highway
San Diego, Calif. 92101
Tel: (714) 239-7711

AREAS OF INTEREST: Promotion of the public health through health education and public information; control of communicable disease and air pollution; environmental sanitation; public health nursing; crippled children services; recording of vital statistics; maternal and child health services; public health laboratory services; immunizations; birth control services; genetic counseling; nutrition education and counseling; alcoholism education, rehabilitation, and detoxication facilities and services; drug abuse educational and counseling programs and facilities.

HOLDINGS: Small collection of books, reports, periodicals, resource films, and teaching kits on selected diseases; films, slides, and other audiovisual materials; pamphlets on many aspects of public health.

PUBLICATIONS: *San Diego's Health* (a 4-page monthly publication and annual report); *Physicians' Bulletin* (issued irregularly on items of interest to local physicians).

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; makes referrals; provides news releases to local television and radio stations; conducts health educational programs.

SAN DIEGO POLICE DEPARTMENT CRIMINALISTICS LABORATORY

1544 P.O. Box 1431
San Diego, Calif. 92101

Location:

801 West Market St.

San Diego, Calif.

Tel: (714) 232-6981 Ext. 268

AREAS OF INTEREST: General criminalistics; techniques for the analysis of blood and urine samples for the determination of alcohol and drugs.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services. Services are provided only to law enforcement and related agencies.

SANDOZ-WANDER, INC. LIBRARY

1545 Route 10
Hanover, N.J. 07936
Tel: (201) 386-7741, 386-7742, or 386-7743

AREAS OF INTEREST: Pharmacology; chemistry; medicine.

1546

HOLDINGS: 14,000 books; 450 journal subscriptions; abstracts, pamphlets, microforms.

INFORMATION SERVICES: Provides brief answers to inquiries; permits onsite use of collection.

SANTA BARBARA BOTANIC GARDEN

1546 1212 Mission Canyon Rd.
Santa Barbara, Calif. 93103
Tel: (305) 963-1886

AREAS OF INTEREST: Native California trees, shrubs, and flowers; horticulture; botany.

HOLDINGS: 40,000 herbarium specimens; 10,000 slides; library of 5,000 books, and maps, charts, prints, reprints, bibliographies, and pamphlets.

PUBLICATIONS: *Wildflowers of the Santa Barbara Region*, *California Plants to Color*, *Symposium on the Biology of the California Islands*, *Guide to the Plants of Figueroa Mountain*, garden guides, leaflets, minor publications.

INFORMATION SERVICES: Answers inquiries; identifies native California plants; permits onsite use of collections.

SANTA BARBARA MUSEUM OF NATURAL HISTORY

1547 2559 Puesta del Sol Rd.
Santa Barbara, Calif. 93105
Tel: (805) 963-7821

AREAS OF INTEREST: All aspects of the life and earth sciences and of the prehistoric civilizations of Western North America.

HOLDINGS: 36,000 herbarium specimens; 15,000 sets of bird eggs; 1,300 bird and mammal study skins; 40,000 insects; 6,000 arachnids; 5,000 marine invertebrates; 180,000 mollusks; 230 species of fish; 200 reptiles and amphibians; 30,000 books and periodicals.

PUBLICATIONS: *Museum Talk* and *Contributions in Science* (both irregular); bimonthly newsletter, annual report.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides reference and literature-searching services; makes inter-institutional specimen loans; makes interlibrary loans; permits onsite use of literature collection on request. The Museum is open to the public free.

SANTA BARBARA BOTANIC GARDEN

SCANDINAVIAN DOCUMENTATION CENTER (SCANDOC)

1548 2136 P St. NW.
Washington, D.C. 20037
Tel: (202) 659-8659

AREAS OF INTEREST: Science information activities in North America and the Scandinavian countries of Denmark, Finland, Iceland, Norway, and Sweden.

HOLDINGS: A small reference collection.

INFORMATION SERVICES: Answers inquiries; serves as an exchange center for nonclassified technical documents and other hard-to-get-hold-of material between North America and Scandinavia; distributes the Scandinavian Information Notes published by the Scandinavian Council for Applied Research (twice a year).

SCIENCE EDITORS, INC.

1549 P.O. Box 7185
Louisville, Ky. 40207

Location:
142 Chenoweth Lane
Louisville, Ky.
Tel: (502) 897-5310

AREAS OF INTEREST: Drugs, including procedural hazards and adverse reactions.

HOLDINGS: 100 periodical titles; books.

PUBLICATIONS: *Clin-Alert* (series of 30 to 35 reports a year designed to warn the medical profession, hospital administrators, nurses, and pharmacists of specific drug hazards).

INFORMATION SERVICES: Answers brief inquiries free; provides consulting services. Fees may be charged for extensive services and services are limited to professional persons.

SCIENCE INFORMATION EXCHANGE, INC.

see Smithsonian Institution. Smithsonian Science Information Exchange, Inc.

SCIENCE SERVICE, INC.

1550 1719 N St. NW.
Washington, D.C. 20036
Tel: (202) 667-2255

SCOTT AND WHITE MEMORIAL HOSPITAL, SCOTT,

AREAS OF INTEREST: Science (public understanding, extracurricular activities for young people, identification of talented high school students).

HOLDINGS: 10,000 books; 400 journals; photos.

PUBLICATIONS: *Science News* (weekly); *Things of Science* (monthly kits); pamphlets, brochures. A publications list is available.

INFORMATION SERVICES: Makes referrals; provides reference services; makes interlibrary loans; permits onsite use of collection.

SCIENTIFIC LITERATURE CORP.

1551 2101 Walnut St.
Philadelphia, Pa. 19103
Tel: (215) 569-9717

AREAS OF INTEREST: Biomedical documentation; cancer; chemotherapy; gastroenterology; mental health.

HOLDINGS: Books, periodicals, abstracts, patents, data.

PUBLICATIONS: *Cancer Chemotherapy Abstracts*; *Carcinogenesis Abstracts*.

INFORMATION SERVICES: Provides literature-searching, translation, and abstracting and indexing services on fee basis.

SCIENTIFIC MANPOWER COMMISSION

1552 2101 Constitution Ave. NW.
Washington, D.C. 20418
Tel: (202) 961-1550
(202) 223-6995

AREAS OF INTEREST: Science and engineering; career guidance; training; draft deferment; retraining and utilization of scientific manpower.

HOLDINGS: Books, reports, newsletters, pamphlets; current, historic, and projected data on enrollments, degrees, utilization, military draft, employment, and other areas related to science and engineering manpower; supply-demand information in science and engineering.

PUBLICATIONS: *Science, Engineering and Related Career Hints* (SEARCH) (a selected bibliography of career information); *Test Yourself for Science* (a programmed self-test for high school or junior college students); *Scientific Engineering Technical Manpower Comments* (monthly except August, with ir-

1554

regular special issues); *Draft Act*; *Draft Facts for Graduates and Graduate Students*; *The Draft Lottery and You*; *Salaries of Scientists, Engineers and Technicians* (a summary of salary surveys); special reports.

INFORMATION SERVICES: Answers inquiries; provides draft counseling to universities, industry, and individuals.

SCIENTISTS' INSTITUTE FOR PUBLIC INFORMATION

1553 30 East 68th St.
New York, N.Y. 10021
Tel: (212) 249-3200

AREAS OF INTEREST: Environmental contamination, including radiation; air and water pollution; pesticides; herbicides; food additives; lead poisoning; rat control; narcotics addiction; social issues, including race; automation; population control; nuclear energy for industrial and military usage.

HOLDINGS: 500 books; 500 journals; reports.

PUBLICATIONS: *National Conference for Scientific Information*; *S.I.P.I. Newsletter* (quarterly, free); *Environment* (10 issues a year, subscription); *Science and the Concept of Race* (1968); abstracts, reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services to scientists; makes materials available to constituents; provides duplication, bibliographic, and reference services.

The Institute coordinates activities of 20 local groups disseminating scientific information throughout the United States.

SCOTT AND WHITE MEMORIAL HOSPITAL, SCOTT, SHERWOOD, AND BRINDLEY FOUNDATION, AND SCOTT AND WHITE CLINIC, AN ASSOCIATION

1554 2401 South 31st St.
Tempe, Tex. 76501
Tel: (817) 778-4451

AREAS OF INTEREST: General medicine, biochemistry, and physiology, including anesthetics, antibiotics, carcinogens, sedatives, narcotics, and drugs.

HOLDINGS: 15,000 books; 450 periodical titles.

PUBLICATIONS: Reports, reviews, abstracts, indexes, articles in scientific journals.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes direct and interlibrary loans. Services are primarily for medical personnel.

SCRIPPS INSTITUTION OF OCEANOGRAPHY

see University of California, San Diego

SENECA PARK ZOO

1555 2222 St. Paul St.
Rochester, N.Y. 14621
Tel: (716) 266-6846

AREAS OF INTEREST: Zoology; herpetology.

HOLDINGS: Collection of living mammals, birds, reptiles, amphibians, and fish; 120 slides; 150 books; 50 periodical titles; 100 newsletters; 100 reprints; 50 pamphlets; 100 clippings; 2 motion pictures.

PUBLICATIONS: Newsletter (quarterly); reports.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; identifies animals; conducts guided tours and lectures; makes referrals; permits onsite use of literature collection. The Zoo is open to the public.

SENSORY SYSTEMS LABORATORY

1556 P.O. Box 5145
Tucson, Ariz. 85703
Tel: (602) 792-3726

AREAS OF INTEREST: Telemetry of physiology and behavior in wild animals.

HOLDINGS: 500 books; 25 periodical titles; 500 reports.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers brief inquiries free; provides consulting services for fee.

SEQUOIA NATURAL HISTORY ASSOCIATION

1557 Three Rivers, Calif. 93271
Tel: (209) 565-3323

AREAS OF INTEREST: Natural history, human history, and general information relating to the Sequoia and Kings Canyon National Parks.

HOLDINGS: The Association donates most of the publications for the library of the Sequoia National Park and some items for the Park's specimen collection (these materials become the property of the National Park Service).

PUBLICATIONS: Occasional popular-styled booklets (the Association's working capital is derived from the sale of publications to Park visitors).

INFORMATION SERVICES: Answers inquiries.

SEWARD FOREST

see University of Virginia

SHARPLEY LABORATORIES, INC.

1558 Box 846
Fredericksburg, Va. 22401

Location:

Belle Plains
Stafford County, Va.
Tel: (703) 373-7336

AREAS OF INTEREST: Industrial microbiology and biochemistry; industrial chemistry.

HOLDINGS: 5,000 books; 50 periodical titles; 5,000 reports.

PUBLICATIONS: Reports and bibliographies (usually prepared under contract).

INFORMATION SERVICES: Provides consulting and literature-searching services on fee basis; lends material on a reciprocal basis.

SHERMAN RESEARCH LABORATORIES

1559 3026 Haughton Dr.
Toledo, Ohio 43606
Tel: (419) 479-2020

AREAS OF INTEREST: Chemistry; meat products; agricultural products; food and drug development; electroplating; storage batteries; laboratory equipment, including design and development; manufacture and development of laboratory reagents.

HOLDINGS: Books, journals, reports, patents, data.

INFORMATION SERVICES: Provides consulting services for fee or on contract basis; permits onsite use of literature collection.

SHIPPENSBURG STATE COLLEGE

Ge Department

Shippensburg State College
Shippensburg, Pa. 17257
Tel: (717) 532-2184

OF INTEREST: Physical, inorganic, and organic chemistry; mycology; plant ecology; plant physiology; taxonomy; animal ecology; quantum physics; biochemistry.

GS: 100,000 books; 1,300 periodical titles;

ATIONS: Periodicals, books, reports.

ATION SERVICES: Answers inquiries; provides indexing services.

SIERRA CLUB

1050 Mills Tower
San Francisco, Calif. 94104
Tel: (415) 981-8634

OF INTEREST: Conservation, primarily of forests, areas, parks, and wilderness areas; outdoor recreation; mountaineering; camping; natural history; life preservation.

GS: 5,000 books; 200 periodical subscriptions; photographs. Archival materials are on deposit in the Bancroft Library of the University of California, Berkeley.

ATIONS: *Sierra Club Bulletin* (monthly September-June, bimonthly July and August); reports, book reviews, books.

ATION SERVICES: Answers inquiries; makes photocopies; provides duplication services for fee; provides interlibrary loans; permits onsite use of collection.

SEAWAY INSTITUTE OF OCEANOGRAPHY LIBRARY

55 West Bluff Rd.
Savannah, Ga. 31406
Tel: (912) 352-1631

OF INTEREST: Oceanography (physical, chemical, biological).

INGS: Small collection of books, periodicals, reports.

CATIONS: The Institute publishes research reports.

INFORMATION SERVICES: Answers inquiries; provides reference, literature-searching, and abstracting and indexing services; makes interlibrary loans; permits onsite use of collection.

SLIPPERY ROCK STATE COLLEGE

Department of Biology

1563 Slippery Rock State College
Slippery Rock, Pa. 16057
Tel: (412) 794-8828

AREAS OF INTEREST: Botany; zoology; ecology; physiology; microbiology; genetics; radiation biology; stream pollution.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Fees may be charged for some services.

SMITHSONIAN INSTITUTION

National Museum of History and Technology

The National Museum of History and Technology is organized into five departments: Applied Arts; Industries; Cultural History; Science and Technology; and National and Military History. The areas of interest and holdings of the Department of Science and Technology are outlined below. The staff answers inquiries about the collection, identifies objects and artifacts, and provides consulting services on research relating to the collections in the Museum. Approved researchers may have access to the study collections by appointment. Publications of the Museum are issued in the series *Smithsonian Contributions in History and Technology*.

Department of Science and Technology

1564 National Museum of History and Technology
Constitution Ave. between 12th and 14th Sts.
NW.
Washington, D.C. 20560
Tel: (202) 381-5200

AREAS OF INTEREST: The history of physics, chemistry, astronomy, mathematics, and applied science; American and comparative technology from colonial times to the present; electricity and electrical engineering; telephony and telegraphy; early radio; general electronics; mechanical and civil engineering.

1565

ing; computers and calculators; horology; typewriters; medicine, surgery, and dentistry; preservation of historical medical apparatus and instruments; pharmacology; pharmacy; crude drugs; classification and arrangement of vegetable drugs.

HOLDINGS: Power machinery; horological items; typewriters; largest U.S. collection of crude drugs; apothecary jars; surgical and dental instruments; antique, scientific and meteorological, geomagnetic, surveying, geodetic, and hydrographic instruments; calculating and computing machines; patent models; artifacts of electrical, telephonic, and telegraphic history.

National Museum of Natural History

Department of Botany

1565 National Museum of Natural History
10th St. and Constitution Ave. NW.
Washington, D.C. 20560
Tel: (202) 381-5814

AREAS OF INTEREST: Plant classification and ecology; ethnobotany; paleobotany; plant cytology and genetics; biochemical taxonomy; anatomy and morphology of woods; local uses of woody plants; microscopic preparations for classifying woods.

HOLDINGS: National Herbarium (about 3 million sheets); National Fungus Collection (675,000 specimens); national collection of wood specimens; library of 12,000 volumes of books and periodicals, including a special collection of literature on grasses and fungi.

PUBLICATIONS: *Smithsonian Contributions to Botany*.

INFORMATION SERVICES: Answers inquiries; provides consulting services on research relating to materials in the collections; furnishes information about the identification, distribution, local names, and economic uses of flowering plants; provides information to Federal and State agencies concerned with grasslands and their management. The microtechnical laboratory and its facilities may be used by visitors when adequate advance arrangements have been made; equipment is available for statistical studies.

Department of Entomology

1566 National Museum of Natural History
10th St. and Constitution Ave. NW.
Washington, D.C. 20560
Tel: (202) 381-5316

SMITHSONIAN INSTITUTION

AREAS OF INTEREST: Coleoptera (beetles); diptera (two-winged flies); hemiptera (true bugs); neuropteroids (net-winged insects); lepidoptera (butterflies and moths); myriapoda (millipedes, centipedes, etc.); arachnida (spiders, scorpions, mites, ticks); medical entomology; economic entomology; taxonomy.

HOLDINGS: Second largest collection of insects in the world, approximately 17 million specimens, including: a large collection of coleoptera, rich in North American material; over 300,000 diptera specimens; a working collection of modern and fossil members of hemiptera; 2 to 3 million specimens of larval and adult lepidoptera; myriapoda and arachnida, with American fauna well represented; neuropteroid specimens, with emphasis on New World fauna.

PUBLICATIONS: *Smithsonian Contributions to Zoology*.

INFORMATION SERVICES: Answers inquiries; provides consulting services on research relating to materials in the collections; identifies insects for quarantine and health officers, for universities, chemical companies, and other organizations, and for individuals; lends insect specimens to specialists for research and classification.

Department of Invertebrate Zoology

1567 National Museum of Natural History
10th St. and Constitution Ave. NW.
Washington, D.C. 20560
Tel: (202) 381-5262

AREAS OF INTEREST: Identity, morphology, histology, life history, distribution, and classification of invertebrate animals; geographic distribution of freshwater and marine mollusks; intermediate hosts for parasitic organisms; fouling and boring marine organisms.

HOLDINGS: About 12 million specimens, including 10 million mollusk specimens.

PUBLICATIONS: *Smithsonian Contributions to Zoology*.

INFORMATION SERVICES: Answers inquiries; provides consulting services on materials in the collections. The Department serves as a national clearinghouse for oceanographic and marine biological information, regarding control of intermediate hosts of parasites harmful to man and domestic animals.

REGISTRY OF TUMORS IN LOWER ANIMALS

1568 Department of Invertebrate Zoology

Washington, D.C. 20560
Tel: (202) 381-5936

AREAS OF INTEREST: Comparative pathology of invertebrate and poikilothermic vertebrate animals, with particular attention to tumorigenesis.

HOLDINGS: Collections of gross specimens, microscope slides, photographs, and electron micrographs; an extensive library of published and unpublished information.

PUBLICATIONS: Research papers on the Registry's own research program in neoplasia in lower animals, general interest papers, and annual activities reports.

INFORMATION SERVICES: Assists in diagnosis of specimens with presumptive neoplastic lesions; helps coordinate research; permits onsite reference to the collections by qualified visitors.

Department of Paleobiology

1569 National Museum of Natural History
10th St. and Constitution Ave. NW.
Washington, D.C. 20560
Tel: (202) 381-5412

AREAS OF INTEREST: Fossil plants, invertebrate organisms, and mammals, birds, reptiles, amphibians, and fishes; osteology, morphology, paleo-environments, and stratigraphic relationships.

HOLDINGS: Type specimens of American species of fossil vertebrates, invertebrates, and plants, complemented by extensive collections of American fossils arranged in biologic and stratigraphic series.

PUBLICATIONS: *Smithsonian Contributions to Paleobiology*.

INFORMATION SERVICES: Answers inquiries; provides consulting services regarding materials in the collections; furnishes information of economic value in searching for ore and minerals, in petroleum geology, and in geological mapping.

Department of Vertebrate Zoology

1570 National Museum of Natural History
10th St. and Constitution Ave. NW.
Washington, D.C. 20560
Tel: (202) 381-6127

AREAS OF INTEREST: Systematics, ecology, and behavior of mammals, birds, reptiles, amphibians, fishes, and parasites.

skins, skeletons, whole animals in alcohol, and eggs and nests. Each collection has an associated reference library.

PUBLICATIONS: *Smithsonian Contributions to Zoology* (irregular).

INFORMATION SERVICES: Answers inquiries; provides consulting services regarding materials in the collections; identifies a limited number of specimens of vertebrates; encourages onsite reference use of collections and libraries.

PRIMATE BIOLOGY PROGRAM

1571 Division of Mammals
Department of Vertebrate Zoology
National Museum of Natural History
10th St. and Constitution Ave. NW.
Washington, D.C. 20560
Tel: (202) 381-5393

AREAS OF INTEREST: Multidisciplinary studies of systematics, ecology, and behavior of primates.

HOLDINGS: Collection of skins, skulls, skeletons, and wet specimens of primates; small collection of books, periodicals, and reports.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; permits onsite use of collections.

National Zoological Park

1572 Adams Mill Rd. near Ontario Pl. NW.
Washington, D.C. 20009
Tel: (202) 265-0743

AREAS OF INTEREST: Animal behavior, ecology, nutrition, reproductive physiology, and pathology; clinical veterinary medicine; proper handling of captive animals; anesthesia for immobilization.

HOLDINGS: Exhibits of over 3,000 mammals, birds, and reptiles. A unit of the Smithsonian Library contains materials on comparative pathology, microbiology, bacteriology, and virology.

PUBLICATIONS: Pamphlets.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services.

Office of Environmental Sciences

1573 Smithsonian Institution
10th St. and Constitution Ave. NW.
Washington, D.C. 20560

This Office provides coordination, assistance, and leadership in the development of private and federal, national and international relationships of the Smithsonian Institution in the field of environmental sciences. The extension of scientific services, the development of interdisciplinary inter-Bureau endeavors, and the facilitating of funding requests are among the Office's responsibilities.

AREAS OF INTEREST: Environmental sciences. (The specific areas of interest of various units within this Office are described below).

INFORMATION SERVICES: Answers inquiries; makes referrals.

Center for Short-Lived Phenomena

1574 Office of Environmental Sciences
Smithsonian Institution
10th St. and Constitution Ave. NW.
Washington, D.C. 20560
Tel: (202) 381-5365

The Center is an early alert system and clearinghouse for the receipt and dissemination of information on short-lived natural events such as volcanic eruptions, major earthquakes, the birth of new islands, the fall of large fireballs and meteorite showers, major short-lived environmental pollution events, and sudden changes in biological and ecological systems such as animal migrations and colonizations. It was established to improve opportunities for research by providing an organization whose function is to collect and distribute information on short-lived events while environmental changes are still occurring. Scientists in many disciplines and from many countries were invited to join the Center as correspondents. They cooperate with the Center by reporting events, obtaining follow-up information about and traveling to events that occur in their areas, making up-to-date reports to the Center, and occasionally providing assistance to research teams that might be sent to investigate events in their areas. As of June 30, 1970, the Center had 2,500 registered correspondents in 124 countries of the world.

AREAS OF INTEREST: Short-lived, unpredictable natural phenomena in the physical and biological sciences, astrophysics, archaeology, anthropology, and disasters.

HOLDINGS: Over 15,000 feet of color motion picture film on eight volcanic eruptions and the Appalachian squirrel migration; 5,000 color and black-and-white photographs obtained on eleven field expeditions and reconnaissance missions; more than 2,000 high-resolution aerial photographs of the Mt. Mayon volcanic eruption activity taken during a six-week period by the U.S. Air Force; color motion picture and aerial photographs taken during the seven-week period of Cerro Negro volcanic activity; a number of stereo aerial photographs of volcanic eruptions; specimens of eruption products, lava, bombs, ash,

and, in some instances, biological specimens from all six of the major volcanic eruptions of 1968; small collection of books, periodicals, and reports; data.

PUBLICATIONS: The Center issues four types of publications: *Event Notification Reports* (reports the occurrence of events that are still in progress); *Event Information Reports* (reports information or specific data on continuing events); *Event Reports* (preliminary and final documentation of information, data, event chronology, and action taken by the Center); and *Annual Reports* (documents the Center's activities for the calendar year). A publications list is available.

INFORMATION SERVICES: Answers inquiries; disseminates reports to scientists who are correspondents of the Center and indicate their desire to receive them, and to all other interested parties who subscribe to the Event Card service on an annual basis.

Chesapeake Bay Center for Environmental Studies

1575 Box 622, Route 4
Edgewater, Md. 21012
Tel: (301) 798-4424

AREAS OF INTEREST: Environmental studies of the Chesapeake Bay.

INFORMATION SERVICES: Answers inquiries; makes referrals.

The Center maintains about 2,000 acres as a near natural preserve on the Chesapeake Bay where research may be accomplished towards a full ecosystem understanding of that portion of the environment.

Ecology Program

1576 Office of Environmental Sciences
Smithsonian Institution
10th St. and Constitution Ave. NW.
Washington, D.C. 20560
Tel: (202) 381-5945

AREAS OF INTEREST: Studies of the terrestrial environment.

INFORMATION SERVICES: Answers inquiries; makes referrals.

Oceanography and Limnology Program

1577 Office of Environmental Sciences
Smithsonian Institution
10th St. and Constitution Ave. NW.

Tel: (202) 381-5945

AREAS OF INTEREST: Systematics of ocean organisms and sediments; ecology, biogeography, and evolution of the specimens collected.

INFORMATION SERVICES: Answers inquiries; makes referrals.

SMITHSONIAN OCEANOGRAPHIC SORTING CENTER

1578 Navy Yard Annex, Building 159
Washington, D.C. 20560
Tel: (202) 381-5642

AREAS OF INTEREST: Sorting of marine organisms and sediments; taxonomy and ecology of marine organisms (algae, plankton, larger invertebrates, fishes); antarctic marine organisms; coralline algae of the North Atlantic; sorting techniques; splitting and labeling samples; photomicrography; preserving, handling, and storing of marine specimens.

HOLDINGS: Several million biological and mineral marine samples. The Center maintains records of all specimens taken from the antarctic area; records are assembled of the organisms received from international expeditions contributing specimens to the Center.

PUBLICATIONS: *Handbook of Marine Collecting and Curatorial Practices in Biology*.

INFORMATION SERVICES: The Sorting Center provides specialists with sorted material from the collections; uncommitted groups of organisms are sorted into groups and made available for distribution as research material (the availability of such groups is announced in widely distributed biological publications). The Center provides information on classification of marine organisms and supplies forms to oceanographic investigators to ensure maximum collection of environmental data.

Radiation Biology Laboratory

1579 12441 Parklawn Dr.
Rockville, Md. 20852
Tel: (301) 443-2306

The Laboratory studies all forms of radiation affecting the functions of living organisms. It specializes in photobiology and maintains constant-condition rooms, a carbon-dating laboratory, a radioisotope laboratory, and a greenhouse.

AREAS OF INTEREST: Regulatory mechanisms of life processes (photomorphogenesis, phototropism, photoperiodism, induction of photosynthetic activity); solar radiation and morphological responses;

ionizing radiation with synthesizing and morphological systems; effects of X-rays at the cellular and sub-cellular levels; carbon-dating techniques.

PUBLICATIONS: Research reports in Smithsonian Series and in outside scientific and technical journals.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

Smithsonian Institution Libraries

The Smithsonian Institution Libraries maintain a collection of literature in support of the various research programs of the Institution and its museum, education, and public service activities. The areas of interest of the General Library and two of its branches are outlined below. Each library answers inquiries, makes referrals, provides photoduplication services, and makes interlibrary loans. All collections are available for onsite use. The total holdings number about 750,000 volumes.

General Library

1580 Smithsonian Institution
10th St. and Constitution Ave. NW.
Washington, D.C. 20560
Tel: (202) 381-5382

AREAS OF INTEREST: Museology; travel and exploration; ecology; oceanography; radiation biology; publications of learned societies; reference and bibliography.

Entomology Branch Library

1581 Apply through General Library

AREAS OF INTEREST: Systematics of arachnids, insects, and myriapods.

National Museum of Natural History Branch Library

1582 10th St. and Constitution Ave. NW.
Washington, D.C. 20560
Tel: (202) 381-5382

AREAS OF INTEREST: Systematic botany and zoology; biological evolution; natural history; paleobiology; mineral sciences; meteorites; volcanology.

Smithsonian Science Information Exchange, Inc.

1583 1730 M St. NW.
Washington, D.C. 20036

The Exchange is a clearinghouse for information on scientific research in progress from all available sources--Government, industry, and private. It complements the services of technical libraries and documentation centers by providing information about research in progress between the time a project is proposed or started and the time results are made available in published form.

AREAS OF INTEREST: Current and proposed research projects in all areas of science, including the life, physical, medical, engineering, agricultural, behavioral, and educational sciences; geographical distribution of research grants; automatic computer indexing and retrieval; comparative indexing techniques; computer dictionaries.

HOLDINGS: Synoptic records of current research projects, including name of supporting agency, names of principal and associate investigators, location of work, level of effort, dates of active work, and 200-word description of research in progress. The Exchange also maintains computer and manual indexes to projects.

PUBLICATIONS: *Water Resources Research Catalog*, *Water Resources Thesaurus*, and *Outdoor Recreation Research* (prepared for Department of the Interior); *Abstracts of Research and Demonstration Projects in Social Welfare and Related Fields* (for U.S. Department of Health, Education, and Welfare); other compilations of research records in such fields as urban research, environmental sciences, pesticides, and oceanography.

INFORMATION SERVICES: The Exchange answers questions from individual investigators, such as: Who is currently working in specific fields? Where? Under whose support? It provides program administrators with information that can be used to avoid duplication of research effort and to determine the advantageous distribution of research funds, and with information on general trends over a period of years (patterns of research activity, changes in support and personnel, and changes in topical interest). The system is capable of compiling all research records related to a specific topic or any combination of items to answer questions relating to program management or investigator interests. Service charges cover only the output cost (fee schedules are available).

Smithsonian Tropical Research Institute

1584 P.O. Box 2072
Balboa, Canal Zone, Panama
Tel: Balboa 2-2485

The Institute is a research organization devoted to the study of tropical biology. Primary research facilities are located on Barro Colorado Island, a 3,600-acre tropical forest preserve, in the Panama Canal, offering excellent opportunities for scientific investigation of plant and animal wildlife. Research facilities are available also on the adjacent mainland and, for marine biology, on the Atlantic and Pacific coasts.

AREAS OF INTEREST: Tropical plant and animal wildlife; botany; ecology and taxonomy of indigenous vegetation; ecological, taxonomic, physiological, and behavioral zoology; structural, dynamic, and historical geology of Barro Colorado Island; meteorology; herpetology.

HOLDINGS: Library of books and periodicals; a special index of thousands of plant and animal species; meteorological records.

PUBLICATIONS: Research reports in *Smithsonian Miscellaneous Collections* and various other scientific journals.

INFORMATION SERVICES: Provides research facilities and reference services for visiting scientists.

SOAP AND DETERGENT ASSOCIATION

1585 485 Madison Ave.
New York, N.Y. 10022
Tel: (212) 751-6080

AREAS OF INTEREST: All aspects of the soap and detergent industry, including problems of sewage treatment and water supply attributed to the presence of synthetic detergents; glycerine; fatty acids; household chemicals; cleaning agents; surface-active agents.

HOLDINGS: Books, journals, abstract literature, bibliographies, Federal soap and detergent specifications, pamphlets, clippings, research data.

PUBLICATIONS: Division newsletters (available to members only); *Water in the News* (monthly, free to technical and semitechnical publics in the field of water); *Scientific and Technical Reports* (series on water-related subjects); the following motion pictures: "It's Your Decision--Clean Water" (cosponsored by the Association and the League of Women Voters of the United States) and "The Pursuit of Cleanliness" (loan prints of both films are available free on request).

INFORMATION SERVICES: Answers inquiries; makes referrals; provides limited literature-searching and bibliographic services; permits onsite use of collection.

SOCIETY FOR ADOLESCENT PSYCHIATRY, INC. (NEW YORK)

1586 c/o Mrs. Veronica Matthes, Administrative Secretary
88-77 Elderts Lane
Woodhaven, N.Y. 11421
Tel: (212) 296-7007

AREAS OF INTEREST: Adolescent psychiatry and psychology.

HOLDINGS: Small collection of reprints and newsletters.

INFORMATION SERVICES: Answers inquiries; makes referrals. Services are available to professionals working in the field of adolescence, to public service groups, and to the news media.

SOCIETY FOR CLINICAL AND EXPERIMENTAL HYPNOSIS

1587 c/o Mrs. Marion Ken, Administrative Secretary
140 West End Ave.
New York, N.Y. 10023
Tel: (212) 873-7200

The Society is affiliated with the International Society for Clinical and Experimental Hypnosis.

AREAS OF INTEREST: Hypnosis and its application to medicine, dentistry, and psychology; research in interpersonal relations.

HOLDINGS: Books, journals, reports, films, photographs.

PUBLICATIONS: *Journal of the ISCEH* (quarterly); *ISCEH Newsletter*.

INFORMATION SERVICES: Provides consulting and reference services to bona fide researchers and practitioners.

SOCIETY FOR PSYCHOPHYSIOLOGICAL RESEARCH

1588 c/o Dr. David G. McDonald, Secretary-Treasurer
Department of Psychology
University of Missouri
209 McAlester Hall
Columbia, Mo. 65201
Tel: (314) 449-9268

Membership in the Society includes psychologists, psychiatrists, physiologists, and electrical engineers.

AREAS OF INTEREST: Psychophysiology (study of the relationships between physiological processes and behavior).

PUBLICATIONS: *Psychophysiology* (bimonthly journal).

INFORMATION SERVICES: Answers inquiries; provides advisory services; makes referrals. A fee may be charged for advisory services.

SOCIETY FOR RANGE MANAGEMENT

1589 2120 South Birch St.
Denver, Colo. 80222
Tel: (303) 756-3205

AREAS OF INTEREST: Study, use, management, conservation, and improvement of range ecosystems.

PUBLICATIONS: *Journal of Range Management* (bimonthly); *Rangeman's News* (bimonthly).

INFORMATION SERVICES: Answers brief inquiries, frequently by referral to member specialists; provides reference services.

SOCIETY FOR SOCIAL RESPONSIBILITY IN SCIENCE

1590 221 Rockhill Rd.
Bala Cynwyd, Pa. 19004
Tel: (215) 664-4515

AREAS OF INTEREST: Physical, biological, and social sciences (constructive purposes).

HOLDINGS: Reports.

PUBLICATIONS: *SSRS Newsletter* (monthly); *Mission to Vietnam*.

INFORMATION SERVICES: Makes referrals; provides consulting services; provides speakers.

SOCIETY FOR THE PROTECTION OF NEW HAMPSHIRE FORESTS

1591 5 South State St.
Concord, N.H. 03301
Tel: (603) 224-9945

AREAS OF INTEREST: Forestry and natural resource conservation in New Hampshire; environmental quality and conservation education.

HOLDINGS: A resource library of reports and surveys on the history of forestry and conservation in New Hampshire.

PUBLICATIONS: *Forest Ecology and Management* (quarterly journal); several books. A publications list is available.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; permits onsite use of literature collection; allows use of land holdings for investigations (ecologic, geologic, etc.) with permission.

The Society holds some 10,000 acres of forest land at Mt. Monadnock, Lost River, and North Woodstock.

SOCIETY OF AMERICAN FORESTERS

1592 1010 16th St. NW.
Washington, D.C. 20036
Tel: (202) 296-7820

AREAS OF INTEREST: Forestry education; forest economics, management, engineering policy, products, and recreation; forest fires; forest entomology and pathology; wildlife and range management; watershed management; silviculture; history of professional forestry.

HOLDINGS: Small reference collection of books, journals, and reports.

PUBLICATIONS: *Journal of Forestry* (monthly); *Forest Science* (quarterly); proceedings, monographs, bulletins.

INFORMATION SERVICES: General inquiries are answered by the staff; technical inquiries are referred to member specialists. Onsite use of the literature collection is permitted.

SOCIETY OF BIOLOGICAL PSYCHIATRY

1593 2010 Wilshire Blvd.
Los Angeles, Calif. 90057
Tel: (213) 483-7863

AREAS OF INTEREST: The field of biological psychiatry.

HOLDINGS: 1,000 reports; 50 periodical titles; books.

PUBLICATIONS: *Biological Psychiatry* (quarterly journal); books, directory.

INFORMATION SERVICES: Answers inquiries; provides consulting services. makes referrals. A fee may be charged for some services.

SOCIETY OF TOXICOLOGY, INC.

1594 c/o Dr. Robert Scala, Secretary
Esso Research and Engineering Co.

P.O. Box 45
Linden, N.J. 07036

AREAS OF INTEREST: All aspects of toxicology.

PUBLICATIONS: *Toxicology and Applied Pharmacology* (monthly, 3 volumes a year).

INFORMATION SERVICES: Inquiries are referred to committees of the Society by the Secretary.

SOCIETY OF VERTEBRATE PALEONTOLOGY

1595 c/o Dr. John A. Dorr, Jr.
Department of Geology
University of Michigan
Ann Arbor, Mich. 48104
Tel: (313) 663-1511

The Society is an international association of specialists and amateurs in vertebrate paleontology.

AREAS OF INTEREST: Vertebrate paleontology, including history, evolution, comparative anatomy, and taxonomy of vertebrate animals.

PUBLICATIONS: News bulletin (3 times a year); annual bibliography.

INFORMATION SERVICES: Inquiries are answered by officers or referred to individual professional members of the Society who will answer questions about their specialties.

SOIL CONSERVATION SERVICE

see Agriculture, Department of

SOIL CONSERVATION SOCIETY OF AMERICA

1596 7515 Northeast Ankeny Rd.
Ankeny, Iowa 50021
Tel: (515) 266-1321

AREAS OF INTEREST: Soil conservation and related areas, such as renewable natural resources, water conservation and management, and land use.

PUBLICATIONS: *Journal of Soil and Water Conservation* (bimonthly).

INFORMATION SERVICES: Makes referrals.

SOIL SCIENCE SOCIETY OF AMERICA

1597 677 South Segoe Rd.
Madison, Wis. 53711

The Society is closely affiliated with the American Society of Agronomy and the Crop Science Society of America. It also has liaison representatives to the American Forage and Grassland Council, National Academy of Sciences--National Research Council, American Institute of Planners, American Society of Planning Officials, American Society of Agricultural Engineers, American Society of Civil Engineers, American Society for Testing and Materials, Clay Minerals Society, International Association for Quaternary Research, and the International Society of Soil Science.

AREAS OF INTEREST: Soil physics; soil chemistry; soil mineralogy; soil microbiology and biochemistry; soil fertility and plant nutrition; soil genesis, morphology, and classification; soil and water management; forest and range soils; fertilizer technology and use. In addition, committees of the Society cover such topics as training of soil scientists, terminology, information retrieval, microform, translations, particle size and distribution, soil testing and plant analysis, water resources, and geomorphology.

HOLDINGS: Reference library of about 600 books; complete back issues of the Society's bimonthly journal; back issues for 1962-1968 of *Soviet Soil Science*; transactions of the 1st International Congress of Soil Science (1927) and the 7th International Congress of Soil Science (1960); glossary of soil science terms.

PUBLICATIONS: *Soil Science Society of America Proceedings* (bimonthly); the following special publications and books: *Changing Patterns in Fertilizer Use*; *Selected Papers in Soil Formation and Classification*; *Soil Testing & Plant Analysis*; *Glossary of Soil Science Terms*. Publications are available by purchase or subscription.

INFORMATION SERVICES: Answers inquiries; makes referrals.

SONOROUS BREATHING RESEARCH PROJECT

1598 c/o Dr. M. H. Boulware, Researcher
Florida A&M University
Box 193
Tallahassee, Fla. 32304
Tel: (904) 222-8030 Ext. 263

AREAS OF INTEREST: Incidence, etiology, and treatment (medical and nonmedical) of snoring; anti-snoring inventions; snoring and society; animals that snore; theory of compensative resortia; medical and psychological research.

PUBLICATIONS: Articles, bibliographies, abstracts.

INFORMATION SERVICES: Answers inquiries; provides reference, literature-searching, abstracting, and translation services; makes referrals. A fee may be charged for services.

SOUTH ARKANSAS ARBORETUM

1599 El Dorado Public Schools
1115 West Hillsboro St.
El Dorado, Ark. 71730
Tel: (501) 863-7263

AREAS OF INTEREST: Botany, especially of Arkansas; nature study; plant identification; ecology.

HOLDINGS: Plant specimens; small collection of books.

PUBLICATIONS: Brochures, trail guides, basic nature study literature.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; permits onsite use of collections.

SOUTH CAROLINA AGRICULTURAL EXPERIMENT STATION

see Clemson University

SOUTH CAROLINA DEPARTMENT OF AGRICULTURE

1600 P.O. Box 11280
Columbia, S.C. 29211

Location:

Wade Hampton State Office Bldg.
Columbia, S.C.
Tel: (803) 758-2426

AREAS OF INTEREST: Agriculture in South Carolina, including resources, production, and marketing; enforcement of food laws; standards for weights and measures.

HOLDINGS: Small reference library.

PUBLICATIONS: Standards, reports.

INFORMATION SERVICES: Answers inquiries.

SOUTH CAROLINA POLLUTION CONTROL AUTHORITY

1601 J. Marion Sims Office Bldg.
Columbia, S.C. 29201

Tel: (803) 758-5631

AREAS OF INTEREST: Water and air pollution control; radioactivity pollution control; river flow and streamflow; classification of quality of surface waters; pollution law; treatment of domestic and industrial wastes; inspection of plans for sewage treatment and industrial waste treatment plants in South Carolina.

HOLDINGS: 6,500 punched cards; 2,500 project records; 250 maps and charts; 5,000 items of unevaluated data; 200 river and harbor surveys; 11,000 analyzed water samples.

PUBLICATIONS: Data compilations, standards, annual report.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting, literature-searching, and bibliographic services.

The Authority maintains radiological, research, and water pollution laboratories for routine testing, and four field laboratories. A permanent rain-gage station is maintained in Columbia and rain-gage networks are set up for periodic air pollution surveys.

SOUTH CAROLINA STATE BOARD OF HEALTH

Library

1602 South Carolina State Board of Health
J. Marion Sims Bldg.
2600 Bull St.
Columbia, S.C. 29201
Tel: (803) 758-5448

AREAS OF INTEREST: Public health in South Carolina, including laboratory research, vital statistics, and air and water pollution.

HOLDINGS: 2,000 books; 70 periodical titles.

INFORMATION SERVICES: Answers inquiries; provides reference, literature-searching, and duplication services; lends materials; permits onsite use of collection.

SOUTH CAROLINA STATE COMMISSION OF FORESTRY

1603 P.O. Box 287
Columbia, S.C. 29202

Location:
5500 Broad River Rd.
Columbia, S.C.
Tel: (803) 758-2261

AREAS OF INTEREST: Forestry, including information on forest resources, forest products, forest industries, forest management, forest products utilization and marketing, reforestation, forest insects and diseases, and forest fire prevention and control.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Reports, directories.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

SOUTH CAROLINA WILDLIFE RESOURCES DEPARTMENT

1604 P.O. Box 167
Columbia, S.C. 29202

Location:

1015 Main St.
Columbia, S.C.

Tel: (803) 758-2561

AREAS OF INTEREST: Wildlife management in South Carolina, including game and fish law enforcement; outdoor safety; farm ponds; marine research.

HOLDINGS: 600 data compilations; 50 motion pictures; 2,800 photos; 1,900 slides; 800 project records; 800 technical reports; 4,500 clippings; journals, newsletters, reprints, press releases.

PUBLICATIONS: Bimonthly magazine, news releases, annual report.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services; lends films.

SOUTH DAKOTA AGRICULTURAL EXPERIMENT STATION

see South Dakota State University

SOUTH DAKOTA DEPARTMENT OF AGRICULTURE

Division of Agricultural Statistics

1605 South Dakota Department of Agriculture
State Office Bldg.
Pierre, S. Dak. 57532
Tel: (605) 224-5911 Ext. 375

AREAS OF INTEREST: Agriculture in South Dakota, especially crop and livestock statistics.

PUBLICATIONS: *South Dakota Agriculture* is published annually by the South Dakota Department of Agriculture and the U.S. Department of Agriculture.

INFORMATION SERVICES: Answers inquiries; makes referrals.

SOUTH DAKOTA DEPARTMENT OF GAME, FISH, AND PARKS

1606 Pierre, S. Dak. 57501
Tel: (605) 224-5911 Ext. 385

AREAS OF INTEREST: South Dakota conservation, including law enforcement and education; fish and game management and research; land, lake, and stream management; forestry; parks planning and operation; water resources development for recreational uses.

HOLDINGS: A collection of technical reports, journal articles, photos, films, and raw data.

PUBLICATIONS: *South Dakota Conservation Digest* (bimonthly); weekly newsletter; pamphlets, brochures.

INFORMATION SERVICES: Answers inquiries; provides consulting services; identifies game animals; makes referrals; prepares analyses; permits onsite use of collection.

SOUTH DAKOTA DEPARTMENT OF HEALTH

1607 State Capitol
Pierre, S. Dak. 57501
Tel: (605) 224-3361

AREAS OF INTEREST: Public health in South Dakota, including environmental sanitation, water supplies, sewerage, radiation hazards, and construction and operation of hospitals and related institutions; diagnostic laboratory technology; control of preventable diseases.

PUBLICATIONS: Biennial report.

INFORMATION SERVICES: Answers inquiries, primarily from State residents.

Division of Sanitary Engineering

1608 South Dakota Department of Health
State Office Bldg. 2
Pierre, S. Dak. 57501
Tel: (605) 224-3351

AREAS OF INTEREST: Water pollution control; municipal and industrial waste water treatment; sanitary engineering; public water supply; recreation area water and waste water systems; plumbing; chemical and bacteriological testing of water; flood sanitation in South Dakota; swimming pool and beach sanitation; radiological health; air pollution; occupational health; accident prevention; solid waste disposal.

HOLDINGS: Film library.

PUBLICATIONS: Biennial report, pamphlets, bulletins.

INFORMATION SERVICES: Provides consulting services, chiefly for State residents and organizations; conducts short courses for water works operators, waste water works operators, and swimming pool operators; makes bacteriological and chemical laboratory tests of rural and public water systems, pools, and beaches.

SOUTH DAKOTA STATE UNIVERSITY

Animal Science Department

1609 South Dakota State University
Brookings, S. Dak. 57006
Tel: (605) 688-5165

AREAS OF INTEREST: Animal science; poultry science; range management.

HOLDINGS: Small collection of periodicals and reports.

PUBLICATIONS: Periodicals, reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

Department of Dairy Science

1610 South Dakota State University
Brookings, S. Dak. 57006
Tel: (605) 688-4116

AREAS OF INTEREST: Dairy husbandry and processing.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Bulletins and circulars.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services. Services are provided free to South Dakota residents and free or at cost to others, depending on the circumstance and extent of the inquiry.

Department of Wildlife and Fisheries Sciences

1611 South Dakota State University
Brookings, S. Dak. 57006
Tel: (605) 688-6121

AREAS OF INTEREST: Fish and wildlife biology.

HOLDINGS: 1,000 books; 5,000 reports; periodicals.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

Plant Science Department

1612 South Dakota State University
Brookings, S. Dak. 57006
Tel: (605) 688-5121

AREAS OF INTEREST: Plant genetics; cytology; cytogenetics; plant physiology; geology; soil chemistry; soil physics; irrigation soil management; plant pathology.

HOLDINGS: 1,000 books; 50 periodical titles; reports. The Department also uses the collections of the University library.

PUBLICATIONS: Reports, bulletins, circulars.

INFORMATION SERVICES: Answers inquiries; provides consulting services; conducts research on contract basis. Services are provided first to State residents, and then to others as time permits.

South Dakota Agricultural Experiment Station

1613 South Dakota State University
Brookings, S. Dak. 57006
Tel: (605) 692-6111

AREAS OF INTEREST: Animal nutrition, breeding, health, range/pasture management, and conservation; soil survey and classification; plant breeding, nutrition, and disease and insect control; irrigation (Institute of Irrigation Technology); agribusiness and marketing; farm buildings and machinery; agricultural engineering; community planning; resource development; population studies; human nutrition; textiles and clothing; veterinary science (Animal Disease Research and Diagnostic Laboratory); wildlife management and research; weather research and information; poultry research.

HOLDINGS: The Station has access to the collections of the University library plus special departmental libraries.

PUBLICATIONS: *South Dakota Farm & Home Research* (quarterly report of research progress); technical and other bulletins, circulars, special reports.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services; prepares and releases information to mass media; arranges interviews and tours; tests soils, water, and seeds; identifies insects, plant diseases, and animal diseases; prepares and records weather information, including specific location summaries.

Facilities include various laboratories, greenhouses, growth chambers, and climatically-controlled storage and research facilities; centrifuges; spectrophotometers; scintillation counters; microscopes; macrohomogenizers; amino acid analyzer; equipment for column, paper, thin-layer, and gas chromatography; lyophilization equipment; electrophoresis apparatus; densitometer; scalars and counters; radiation survey meters; fluorometer; high-speed digital computer; micromanipulator; equipment for study of evapotranspiration; data loggers; poultry research center including laboratories and buildings for brooders, pullet growing, cage-layers, and floor-layers; veterinary laboratory for animal disease research and diagnosis; access to electron microscope; and special infrared and ultraviolet equipment.

Experiment Station Biochemistry Department

1614 South Dakota Agricultural Experiment Station
South Dakota State University
Brookings, S. Dak. 57006
Tel: (605) 692-6111 Ext. 495

AREAS OF INTEREST: Biochemistry; selenium and nitrate poisoning in livestock; urinary calculi in livestock; laboratory analysis of feeds, pesticides in nature, blood, poisons, and water.

INFORMATION SERVICES: Answers inquiries; provides consulting services; furnishes laboratory analyses for fee.

SOUTH MOUNTAIN LABORATORIES, INC.

1615 487 Valley St.
Maplewood, N.J. 07040
Tel: (201) 762-0045

AREAS OF INTEREST: Drug bioassay and research; cosmetics; food additives; research and development of pharmaceuticals and pharmaceutical aids; endocrinology; toxicology.

HOLDINGS: 500 books; 5,000 journals; data, statistical computations and analyses, slides, medical photos.

INFORMATION SERVICES: Provides consulting and reference services for fee; permits onsite use of collection by Government agencies and clients.

Facilities include complete pharmacological and chemical equipment and IME 86SR electronic computer and printer.

SOUTHEASTERN ASSOCIATION OF GAME AND FISH COMMISSIONERS

1616 c/o James Webb, Secretary-Treasurer
South Carolina Wildlife Resources
Department
P.O. Box 167
Columbia, S.C. 29202
Tel: (803) 758-2561

AREAS OF INTEREST: Fish and game management and conservation, including law enforcement information and education; wildlife diseases; statistical methods of wildlife management.

HOLDINGS: Reprints of technical papers.

PUBLICATIONS: Proceedings of annual conference.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals.

SOUTHEASTERN LOUISIANA UNIVERSITY

Agriculture Department

1617 Southeastern Louisiana University
Hammond, La. 70401
Tel: (504) 345-1400 Ext. 314

AREAS OF INTEREST: Agronomy; horticulture; animal science; dairy science.

HOLDINGS: Small collection of books, periodicals, and reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Costs of private consulting services are dependent on the time and effort required.

Facilities include a 751-acre farm.

Southeastern Regional Film Library

1618 Southeastern Louisiana University
Box 797, College Station
Hammond, La. 70401
Tel: (504) 345-1400 Ext. 217

HOLDINGS: 16mm films.

PUBLICATIONS: Directories.

INFORMATION SERVICES: Answers inquiries; makes referrals; lends films.

SOUTHEASTERN MASSACHUSETTS UNIVERSITY

Biology Department

1619 Southeastern Massachusetts University
Old Westport Rd.
North Dartmouth, Mass. 02747

AREAS OF INTEREST: Marine phytoplankton; marine pollutants and their effects on phytoplankton; insect biological control mechanisms; marine fishes, especially estuarine fish, sharks, and rays; marine invertebrates; coastal zone ecology; developmental biology, including echinoderm development and developmental processes in microorganisms; water pollution and its effects.

HOLDINGS: Collection of diatoms of Buzzards Bay region, fish of Buzzards Bay, Elizabeth Island, and Martha's Vineyard, shark skulls and dentition, and selected invertebrates; a library of about 300 volumes in marine biology and coastal zone ecology.

INFORMATION SERVICES: Provides consulting services to scientists, communities, and industry (fees may be charged for services requiring research or expenditure of materials); permits onsite use of collections by qualified scientists.

SOUTHERN CALIFORNIA ACADEMY OF SCIENCES

1620 c/o Los Angeles County Museum of Natural History
900 Exposition Blvd.
Los Angeles, Calif. 90007
Tel: (213) 746-0410

AREAS OF INTEREST: Biology; invertebrate, experimental, and vertebrate zoology; botany; anthropology; geology; vertebrate and invertebrate paleontology.

HOLDINGS: The Academy's literature collection is incorporated into the scientific library of the Los Angeles County Museum.

PUBLICATIONS: *Bulletin of the Southern California Academy of Sciences* (quarterly); *Memoirs* (irregular); technical reports, conference proceedings, membership directory, program booklet.

INFORMATION SERVICES: Answers inquiries as time permits (inquiries should be addressed to the attention of the secretary). The Museum's library is accessible to the public for reference use.

SOUTHERN CONNECTICUT STATE COLLEGE

Biology Department

1621 Southern Connecticut State College
501 Crescent St.
New Haven, Conn. 06515
Tel: (203) 397-2101 Ext. 340

AREAS OF INTEREST: Biology, including conservation, DDT pollution, algal culture, and sex education.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

SOUTHERN ILLINOIS UNIVERSITY

Cooperative Wildlife Research Laboratory

1622 Southern Illinois University
Carbondale, Ill. 62901
Tel: (618) 453-2875

The Cooperative Wildlife Research Laboratory is sponsored by Southern Illinois University and collaborates with the Illinois Department of Conservation, the Illinois Natural History Survey, the Midwest Coal Producers Institute, the National Pest Control Association, the U.S. Bureau of Sport Fisheries and Wildlife, the National Geographic Society, the North American Wildlife Foundation, and the Tennessee Valley Authority.

AREAS OF INTEREST: Vertebrate ecology; conservation of natural resources; natural history; surface mining and reclamation.

HOLDINGS: 7,000 wildlife specimens; 2,000 photos; 8,000 slides; 170 reports; 15,000 reprints; unevaluated data.

INFORMATION SERVICES: Answers inquiries; provides consulting services; provides information on hunting prospects and hunting results; makes referrals; identifies vertebrate animals; permits onsite use of collections.

Department of Forestry

1623 Southern Illinois University
Carbondale, Ill. 62901
Tel: (618) 453-3341

AREAS OF INTEREST: Forest recreation, forest utilization, forest ecology, forest management, and related forestry subjects.

HOLDINGS: Small collection of reports.

PUBLICATIONS: *Department of Forestry Publication* and *School of Agriculture Publication* (both periodic); reports and bibliographies issued irregularly.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Services are usually provided free.

Department of Microbiology

Yeast Research Group

1624 Department of Microbiology
Southern Illinois University
Carbondale, Ill. 62901
Tel: (618) 536-2349

AREAS OF INTEREST: Genetics, cytology, and biochemistry of yeasts.

HOLDINGS: Collection of yeast mutant strains.

PUBLICATIONS: Research papers.

INFORMATION SERVICES: Answers inquiries; serves as source of yeast mutant strains.

Pine Hills Field Station

1625 Southern Illinois University
Carbondale, Ill. 62903
Tel: (618) 453-2500

AREAS OF INTEREST: Plant and animal taxonomy; ecology of aquatic and terrestrial plants and animals; limnology.

HOLDINGS: 2,800 plant and animal specimens; 6,500 reprints; photos, maps, charts, graphs, meteorological records, unevaluated data.

INFORMATION SERVICES: Answers brief inquiries; makes referrals. Researchers desiring permission to carry out studies at the Field Station should contact the Chief of the Station.

SOUTHERN ILLINOIS UNIVERSITY AT EDWARDSVILLE

Biological Sciences Faculty

1626 Southern Illinois University
Edwardsville, Ill. 62025
Tel: (618) 692-3928

AREAS OF INTEREST: Most sub-specialties of biological sciences.

HOLDINGS: Herbarium; mammal, herpetological, and ichthyological collections; 50,000 books; 500 periodical titles.

PUBLICATIONS: Research papers in appropriate journals.

INFORMATION SERVICES: Answers inquiries free; provides consulting services for fee; permits onsite use of collections.

SOUTHERN METHODIST UNIVERSITY

Herbarium

1627 Science Information Center
Southern Methodist University
Dallas, Tex. 75222
Tel: (214) 363-5611

AREAS OF INTEREST: Systematic botany; vascular plants and bryophytes; botany of the southern and southwestern United States.

HOLDINGS: 340,000 specimens of plants from all over the world, including cultivated plants and weeds. Associated with the Herbarium are the Torrey Club Card Index, Gray Herbarium Card Index, and a library of systematic botany, including nearly all of the works of Linnaeus. Languages represented in the library's holdings are English, French, Italian, Spanish, German, and Russian.

PUBLICATIONS: *Sida, Contributions to Botany* (journal issued irregularly).

INFORMATION SERVICES: Provides reference, document, and consulting services to all interested persons without charge.

SOUTHERN OREGON COLLEGE

Herbarium

1628 Department of Biology
Southern Oregon College

Ashland, Oreg. 97520
Tel: (503) 482-6344

AREAS OF INTEREST: Vascular plants of Southern Oregon and Northern California.

HOLDINGS: 2,000 herbarium sheets.

INFORMATION SERVICES: Lends specimens to recognized botanists and institutions (borrower must pay cost of return of specimens); permits onsite use of collection.

SOUTHERN RESEARCH INSTITUTE

1629 2000 Ninth Ave. South
Birmingham, Ala. 35205
Tel: (205) 323-6592

AREAS OF INTEREST: Chemistry, including organic, physical, analytical, and radiochemistry; chemical, mechanical, and electrical engineering; physics, specifically solid state devices; metallurgy; biological sciences; pharmacology; foods; flavors; coal and coal products; plastics; polymers; fibers and textiles; water desalination; cement; paints; inks; fuels; combustion; wood; paper; fertilizers; air pollution; instrumentation; infrared technology; ceramics; corrosion; cancer and virus chemotherapy; toxicology; waste treatment; industrial hygiene.

HOLDINGS: 9,000 books; 19,000 bound volumes of journals; 9,000 reports; 100 reels of microfilm; patents.

PUBLICATIONS: Scientific articles, quarterly bulletin, annual report.

INFORMATION SERVICES: Answers inquiries; makes interlibrary loans; provides reference services; performs contract research; permits onsite use of collection.

Facilities include animal laboratories, analytical chemistry laboratories, machine shop, polygraphs, spectrophotometers, radioactive counting equipment, electron microscope, computer services, microcard reader, microfiche reader, 36mm film reader, and copier.

SOUTHERN SURGEONS CLUB

1630 c/o J. Manly Stallworth, M.D., Secretary-
Treasurer
Vascular Research Laboratory
Roper Hospital
316 Calhoun St.
Charleston, S.C. 29403
Tel: (803) 722-7711 Ext. 313

AREAS OF INTEREST: Surgery; medical sciences.

HOLDINGS: Reports.

PUBLICATIONS: Technical reports, conference proceedings.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Services are primarily for members, but are extended to others as time permits.

SOUTHERN UTAH STATE COLLEGE

School of Sciences

1631 Southern Utah State College
South 300 West St.
Cedar City, Utah 84720
Tel: (801) 586-4411 Ext. 251

AREAS OF INTEREST: Desert ecology; aquatic beetle taxonomy; insect tissue and organ culture; western Indian anthropology; precollege science curriculum improvement.

HOLDINGS: Small collection of reports.

PUBLICATIONS: Research and other reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Services are available to anyone involved in education and are provided free to individuals and higher education agencies and at cost to industry and school districts.

SOUTHERN WEST VIRGINIA REGIONAL HEALTH COUNCIL, INC.

24-Hour Health Information and Referral Service

1632 Southern West Virginia Regional Health
Council, Inc.
Route 2, Box 382
Bluefield, W. Va. 24701
Tel: (304) 325-3621 Ext. 323

AREAS OF INTEREST: Information concerning all medical and medically-associated resources in Mercer, Raleigh, Logan, Summers, Monroe, Mingo, McDowell, Wyoming, and Fayette counties.

HOLDINGS: Small collection of books.

INFORMATION SERVICES: Answers inquiries; provides consulting (including nutritional consulting) and reference services; makes referrals. Services are provided free to some users and at cost to others.

SOUTHWESTERN CLINIC AND RESEARCH INSTITUTE, INC.

Tissue Culture Laboratory

1633 425 Agricultural Sciences Bldg.
University of Arizona
Tucson, Ariz. 85721
Tel: (602) 622-8422

The Tissue Culture Laboratory is co-sponsored by the Southwestern Clinic and Research Institute, Inc. and the University of Arizona.

AREAS OF INTEREST: Rheumatic diseases, including human cell culture of synovialis, synovial fluid, and blood, *in vitro* effects of drugs and chemicals, and immunologic studies, especially effects of sera, vaccines, and antibiotics on cells (lymphocyte transformation, macrophage inhibition, phagocytic indices); adjuvant disease in rats, including rat tissue cell culture; effect of other antigens, plaque-forming cell response, attempts at altering inflammatory response, and transfer within lymphoid cells.

HOLDINGS: Specialized collection of books, periodicals, reports, and reprints; documented film library.

PUBLICATIONS: Book and reports. A publications list is available.

INFORMATION SERVICES: Answers inquiries; provides consulting services to medical and scientific personnel, generally without charge; prepares papers and cine time-lapse films of ongoing research for presentation at seminars and at international, national, and local medical and arthritis meetings.

SOUTHWESTERN STATE COLLEGE

School of Pharmacy

1634 Southwestern State College
Weatherford, Okla. 73096
Tel: (405) 772-6611 Ext. 5312

AREAS OF INTEREST: Pharmacy, including pharmacology, pharmaceuticals, and pharmacognosy; pathology; anatomy and physiology; medicinal chemistry; biochemistry; drugs; analytical chemistry; organic chemistry.

HOLDINGS: 9,702 books; 172 periodical titles.

PUBLICATIONS: Bibliographies.

INFORMATION SERVICES: Answers inquiries; provides consulting services; provides duplication services, performs laboratory analyses, and conducts phar-

SPORT FISHING INSTITUTE

1635 719 13th St. NW., Suite 503
Washington, D.C. 20005
Tel: (202) 737-0668

AREAS OF INTEREST: All aspects of fish conservation; fishery biology; fishery resource management; water conservation; water pollution; ecological effects of pesticides; conservation education; fishing laws and regulations; economics of fishing; power developments in relation to fish.

HOLDINGS: A working collection of books, periodicals, and reports on fish conservation subjects.

PUBLICATIONS: *SFI Bulletin* (monthly); *Fish Conservation Highlights* (biennial); other educational materials. A price list is available.

INFORMATION SERVICES: Answers brief inquiries without charge; provides consulting services for fee or on cost basis.

SPRINGFIELD SCIENCE MUSEUM

1636 236 State St.
Springfield, Mass. 01103
Tel: (413) 732-4317

AREAS OF INTEREST: Biology; zoology; botany; astronomy; geology; ethnology.

HOLDINGS: About 87,000 aquarium, geological, botanical, zoological, and ethnological specimens; 1,000 communication and astronomy devices; 4,000 books; 4,500 slides; 25 motion pictures; periodicals, photos, maps, charts, publication lists, booklets, clippings, display materials.

PUBLICATIONS: Bulletins, pamphlets.

INFORMATION SERVICES: Answers brief inquiries; makes referrals; lends some materials to local teachers, schools, and clubs; permits onsite use of literature collection. The Museum is open to the public.

Facilities include a planetarium.

SRI

Library Services Department

1637 SRI

Tel: (415) 326-6200 Ext. 2634

AREAS OF INTEREST: Physical sciences; life sciences; electronics and radio sciences; information sciences and engineering; economics; management systems; urban and social systems; engineering systems.

HOLDINGS: 40,000 books; 1,600 journals; 38,000 technical reports; 71,000 Government publications; 4,300 pamphlets; 14,600 company annual reports.

INFORMATION SERVICES: Makes interlibrary loans.

STANFORD UNIVERSITY

Falconer Biology Library

1638 Stanford University
Stanford, Calif. 94305
Tel: (415) 321-2300 Ext. 2428

AREAS OF INTEREST: Most aspects of the biological sciences, including botany, zoology, molecular biology, neurobiology, and population biology.

HOLDINGS: Books, journals, reports. Branch libraries maintain special collections on systematics, natural history, and the flora of western North America.

INFORMATION SERVICES: Makes interlibrary loans; permits onsite use of collections.

Hopkins Marine Station

1639 Stanford University
Pacific Grove, Calif. 93950
Tel: (408) 373-0464

AREAS OF INTEREST: Marine biology in its widest sense, including behavior, biochemistry, distribution and ecology, evolution, marine pollution, reproduction and embryology, and systematics; biological oceanography; marine botany.

HOLDINGS: Study collection of invertebrates; algal herbarium; extensive collection of plankton samples from Monterey Bay; a library of 15,000 volumes, 447 current journal subscriptions, and a large reprint collection. Special collections include the Opisthobranchiate Molluscan Library of Frank Mace MacFarland and the G. M. Smith Algae Reprint Collection.

PUBLICATIONS: *Contributions* (annual).

INFORMATION SERVICES: Answers inquiries; provides consulting services. Qualified scientists may have access to the specimen collections. The library makes interlibrary loans and duplication facilities are

School of Medicine

Department of Pharmacology

1640 Attn: Dr. Robert H. Dreisbach
Professor of Pharmacology
Stanford University School of Medicine
300 Pasteur Dr.
Palo Alto, Calif. 94304
Tel: (415) 321-1200

AREAS OF INTEREST: Household chemicals; agricultural chemicals; medicinals; poisoning; poisonous plants and animals.

PUBLICATIONS: *Handbook of Poisoning* (Lange Medical Publications, Los Altos, Calif.).

INFORMATION SERVICES: Answers inquiries.

Lane Medical Library

1641 Stanford University School of Medicine
300 Pasteur Dr.
Palo Alto, Calif. 94304
Tel: (415) 321-1200

AREAS OF INTEREST: All aspects of medicine and nursing, including anatomy, medical microbiology, ophthalmology, otolaryngology, and medical history.

HOLDINGS: 210,336 bound volumes; 2,501 periodical subscriptions; 26,809 pamphlets and theses.

INFORMATION SERVICES: Provides reference and duplication services; makes interlibrary loans. Use of the collections is subject to the payment of a fee by persons other than staff and students of Stanford University.

STATE, DEPARTMENT OF

Special Assistant for Fisheries and Wildlife to the Secretary

1642 U.S. Department of State
2201 C St. NW.
Washington, D.C. 20520
Tel: (202) 632-2335

The Special Assistant is also Coordinator of Ocean Affairs to the Under Secretary for Political Affairs.

AREAS OF INTEREST: International and foreign policy aspects of the oceans, fisheries, and wildlife.

STATE MEDICAL SOCIETY OF WISCONSIN

1643 330 East Lakeside St.
Madison, Wis. 53701
Tel: (608) 257-6781

AREAS OF INTEREST: Medicine; public health.

HOLDINGS: Scientific articles, books, journals, reports, films, photos, data.

PUBLICATIONS: *Wisconsin Medical Journal* (monthly); guides to public health programming (educational material distributed to physicians on request).

INFORMATION SERVICES: Answers inquiries; maintains scientific speakers' service for Wisconsin; sponsors health education programs on radio.

STATE UNIVERSITY OF NEW YORK

Alcohol Clinic at King's County Hospital

1644 State University of New York
Downstate Medical Center
600 Albany Ave., Building K
Brooklyn, N.Y. 11203
Tel: (212) 270-1425

AREAS OF INTEREST: Alcoholism; treatment of alcoholics.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; makes referrals.

College at Cortland

Department of Biological Sciences

1645 College at Cortland
State University of New York
Cortland, N.Y. 13045
Tel: (607) 753-2715

AREAS OF INTEREST: General biology; genetics; plant morphology, physiology, anatomy, and taxonomy; vertebrate embryology and anatomy; microbiology; limnology; general ecology; ornithology; neurophysiology of invertebrates.

HOLDINGS: Mammal and bird skins and mounts; 1,000 books; 100 periodical titles.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Fees may be charged for special services.

College at Geneseo

Biology Department

ALGAL TAXONOMIC CENTER

1646 Biology Department
College at Geneseo
State University of New York
Geneseo, N.Y. 14454
Tel: (716) 245-5279

AREAS OF INTEREST: Taxonomy of algae in culture; identification of algae from field studies; taxonomy and identification of aquatic flowering plants; chemical and biological analysis of water, including coliform bacteria; bottom sediment development.

HOLDINGS: Culture collection of algae, herbarium of algae and aquatic angiosperms; small collection of books, periodicals, and reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services (at cost to industry, free to others); permits onsite use of collections.

College at Oswego

Lake Ontario Environmental Laboratory

1647 College at Oswego
State University of New York
Oswego, N.Y. 13126
Tel: (315) 341-3639

AREAS OF INTEREST: Complete ecological lake studies; thermal pollution; pesticide pollution; pesticide residue analysis; pesticide toxicity to wildlife and fish; microbiological degradation of pesticides; industrial effluent monitoring; mercury contamination; inorganic analyses of water; identification of benthic organisms (freshwater).

HOLDINGS: Small collection of reports.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services (at cost to industry); makes referrals; makes interlibrary loans; permits onsite use of collection.

College of Forestry at Syracuse University

Department of Forestry Economics

1648 College of Forestry
Syracuse University
Syracuse, N.Y. 13210
Tel: (315) 476-3151 Ext. 216

AREAS OF INTEREST: All aspects of forestry economics, including theory, forest management, multiple uses of forests, wildlife, water, recreation, forest industry, marketing of forest products, supply and demand, transportation, statistics, and locational policy.

HOLDINGS: Bibliographic materials covering forest economics literature for the U.S. and Canada from 1929 to 1962 inclusive, and covering world literature from 1962 to present.

PUBLICATIONS: Bibliography of forest economics literature with entries from 18 foreign countries (3 times a year); abstracts.

INFORMATION SERVICES: Answers inquiries; furnishes location of hard-to-find bibliographic materials.

Moon Memorial Library

1649 College of Forestry at Syracuse University
Syracuse, N.Y. 13210
Tel: (315) 476-3151 Ext. 287

AREAS OF INTEREST: Forest botany and pathology; forest chemistry; forest economics; forest management; forest zoology; landscape architecture; pulp and paper technology; silviculture; soil science; wildlife management; wood products engineering.

HOLDINGS: 22,016 books; 15,054 bound periodicals; 11,418 serials; 2,038 theses; 12,614 cataloged pamphlets and Government documents; comprehensive collection of abstracting and indexing services covering the above areas of interest.

PUBLICATIONS: Accessions list.

INFORMATION SERVICES: Provides reference services; makes interlibrary loans; permits onsite reference by request.

Roosevelt Wildlife Forest Experiment Station

1650 Department of Forest Zoology
College of Forestry
Syracuse University
Syracuse, N.Y. 13210

Tel: (315) 476-3151 Ext. 260

AREAS OF INTEREST: Basic biology and applied wildlife management; studies on forest animals, including all vertebrates, soil organisms, and related aquatic fauna; terrestrial invertebrate ecology.

HOLDINGS: Vertebrate and invertebrate specimens.

PUBLICATIONS: Technical publications, bulletins, public information leaflets, annals, and reprints available at cost.

INFORMATION SERVICES: Answers inquiries; provides limited consulting services for cooperating agencies; lends specimens to other institutions and researchers for scientific studies; permits onsite use of collection.

Syracuse Forest Experiment Station

1651 State University of New York
Lafayette Rd.
Jamesville, N.Y. 13078
Tel: (315) 469-3053

AREAS OF INTEREST: Forestry and forest genetics, entomology, and pathology; dendrology; all forest tree nursery practices, from extraction and cleaning of seed through distribution of seedlings from seedbeds and transplant beds.

HOLDINGS: Arboretum for tree identification; forest tree nursery.

INFORMATION SERVICES: Answers inquiries; makes referrals.

Facilities include a 40-acre outdoor laboratory and a research greenhouse.

The Archer and Anna Huntington Wildlife Forest Station

1652 Huntington Wildlife Forest
Newcomb, N.Y. 12852
Tel: (518) 582-4551

AREAS OF INTEREST: Wildlife ecology, behavior, and management research; comprehensive forest resources management research.

HOLDINGS: Specimens of local flora and fauna; about 2,500 books, journals, pamphlets, reports, etc.; aerial photos, data compilations, project records.

PUBLICATIONS: Annual report, graduate theses.

INFORMATION SERVICES: Answers inquiries; makes referrals; lends library and file material; conducts summer seminars and onsite informational and educational field trips; operates a nature trail.

Facilities include a 15,000-acre forest, including 9 lakes and ponds, animal capture equipment, wildlife telemetry equipment, and standard laboratory instruments.

State University of New York at Binghamton

Biology Department

1653 State University of New York
Binghamton, N.Y. 13901
Tel: (607) 798-2438

AREAS OF INTEREST: Biochemistry; developmental biology; ecology; evolution; genetics; molecular biology; morphology; physiology; systematics; paleobotany; cell physiology; microbiology; algology.

HOLDINGS: 500,000 books; 4,000 periodical titles; 1,000 reports.

PUBLICATIONS: Books, articles in scientific journals.

INFORMATION SERVICES: Answers inquiries; provides consulting services; permits onsite use of collection. A fee may be charged for extensive services.

State University of New York at Buffalo

Edward J. Meyer Memorial Hospital

CLINICAL INFORMATION CENTER

1654 Edward J. Meyer Memorial Hospital
State University of New York
462 Grider St.
Buffalo, N.Y. 14215
Tel: (716) 894-1212 Ext. 430

AREAS OF INTEREST: Hospital information systems; medical information systems; community-wide information systems for health data.

INFORMATION SERVICES: Answers inquiries. Services are available only to physicians.

School of Medicine

DEPARTMENT OF PHARMACOLOGY

1655 School of Medicine
State University of New York
Capen 122
Buffalo, N.Y. 14214
Tel: (716) 831-2805

AREAS OF INTEREST: Pharmacology; biochemistry; sedatives; stimulants; alkaloids; drugs; central nervous system agents; paralytics; skeletal muscles; sensory systems; autonomic ganglia; kidney and renal drugs; membrane transport; drug metabolism; hallucinogenic agents; neuropharmacology; biochemical mechanisms of drug actions; alcoholism; drugs of abuse.

HOLDINGS: The Department of Pharmacology uses the extensive collections of the University's Medical Library.

PUBLICATIONS: Scientific papers on research.

INFORMATION SERVICES: Provides consulting services free or for fee, depending on nature and extent of services required.

School of Pharmacy

DEPARTMENT OF BIOCHEMICAL PHARMACOLOGY

1656 School of Pharmacy
State University of New York
H. S. Bldg., Room 224
Buffalo, N.Y. 14214
Tel: (716) 831-2606

AREAS OF INTEREST: Biomedical pharmacology (anesthetics, carcinogens, narcotics, pesticides, corticosteroids, drugs, venoms); analytical methods, including chromatography, colorimetry, and electrophoresis; allergy; anaphylaxis; blood abnormality; burns; cancer; dermatitis; hallucination.

HOLDINGS: 100 periodical titles; books, reports.

PUBLICATIONS: Journal articles, bibliographies, reports, critical reviews, books.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services.

DRUG INFORMATION CENTER

1657 Buffalo General Hospital
60 High St.
Buffalo, N.Y. 14203
Tel: (716) 845-5600 (Buffalo General Hospital)

AREAS OF INTEREST: Drugs and dissemination of drug information, including adverse reactions to drugs, drug allergies, chronic toxicity of drugs, poisoning in infants and children, household chemicals, ingestion of hazardous substances, and drug utilization.

HOLDINGS: Collection of data on the incidence of poisonings and adverse drug reactions in local

hospitals; collection of books, periodicals, reports, abstract services, and indexes. The Center also uses the collections of the Hospital and Health Sciences Library.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and literature-searching services free to scientists and health professionals; makes referrals.

STATEN ISLAND INSTITUTE OF ARTS AND SCIENCES

1658 Staten Island Museum
75 Stuyvesant Pl.
Staten Island, N.Y. 10301
Tel: (212) 727-1135

AREAS OF INTEREST: Staten Island geology; botany; entomology; ornithology; biology, including ecology; conservation; microscopy; archeology (American Indian); engineering; astronomy; natural history; genealogy.

HOLDINGS: 10,000 books; 20,000 periodicals; 40,000 clippings; 5,000 reports; data, photos, microforms, maps, charts, publication lists, bibliographies, theses; unique collections in Staten Island geology, diatoms (worldwide), and entomology (cicadas); a collection of American scientific periodicals dating back to 1840.

PUBLICATIONS: *Proceedings of the Staten Island Institute of Arts and Sciences* (1891-1959, 1967 to date); *The New Bulletin* (10 issues a year); newsletters, preprints, reprints, pamphlets.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides reference and duplication services; makes direct and interlibrary loans; permits onsite reference.

The Institute maintains and operates a 72-acre conservation park with two environmental education laboratories, an administration building and related facilities, outdoor exhibits and trails at High Rock Park Conservation Center, and a 260-acre sanctuary, The William T. Davis Wildlife Refuge.

STATEN ISLAND ZOO

1659 Staten Island, N.Y. 10310
Tel: (212) 442-3100

AREAS OF INTEREST: Herpetology, ichthyology, ornithology, and mammalogy, including diets and maintenance of wild animals in captivity.

HOLDINGS: 1,000 specimens; a library of 1,000 bound volumes, 1,000 photos, newsletters, publications from other zoos, and bibliographies.

PUBLICATIONS: *Animland* (4 bulletins, for sale); pamphlets.

INFORMATION SERVICES: Answers brief inquiries on zoology; provides consulting services; performs autopsies on wild animals; permits onsite reference.

STEINHART AQUARIUM

see California Academy of Sciences

STEPHEN F. AUSTIN STATE UNIVERSITY

Department of Biology

1660 Stephen F. Austin State University
Box 3003, SFA Station
Nacogdoches, Tex. 75961
Tel: (713) 564-8311 Ext. 305

AREAS OF INTEREST: Biology (botany, zoology), with emphasis on ecology, wildlife science, and microbiology.

HOLDINGS: Reference collections of 1,269 bird specimens, 2,419 mammal specimens, 20,937 insect specimens, and 19,416 plant specimens of the East Texas area.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

STERLING DRUG, INC.

Sterling-Winthrop Research Institute Library

1661 Rensselaer, N.Y. 12144
Tel: (518) 465-6251 Ext. 229 or 222

AREAS OF INTEREST: Chemistry; pharmacology; biochemistry.

HOLDINGS: 33,300 books; periodicals, reports.

INFORMATION SERVICES: Answers inquiries; makes interlibrary loans or provides limited duplication services in lieu of loan; permits limited onsite use of collection by arrangement.

Winthrop Laboratories Library

1662 90 Park Ave., 5th Floor
New York, N.Y. 10016
Tel: (212) 972-6256

AREAS OF INTEREST: Medicine; pharmacology; drugs; therapeutics; published reports relating to clinical and experimental agents of interest to Sterling Drug, Inc. and its divisions.

HOLDINGS: 3,500 books; 150 periodical titles; 67 vertical file drawers of clippings; 200,000 abstract cards on medical papers; large cross-referenced file of names of domestic and foreign drugs, both marketed and experimental.

PUBLICATIONS: Abstracts (for interorganizational use only).

INFORMATION SERVICES: Answers brief telephone inquiries pertaining to drug names from pharmacists and members of the medical and allied professions; makes interlibrary loans.

STRYBING ARBORETUM AND BOTANICAL GARDEN

1663 9th Ave. and Lincoln Way
Golden Gate Park
San Francisco, Calif. 94122
Tel: (415) 558-3622

The Strybing Arboretum is owned by the City and County of San Francisco and operated by the San Francisco Recreation and Park Department.

AREAS OF INTEREST: Horticulture; botany; California native plants.

HOLDINGS: 66 acres with specimens of over 4,000 plant species, including special collections of magnolia and rhododendron species and hybrids, dwarf conifers, succulents, and native plants of New Zealand, Australia, South Africa, and South America; 500 photos; 3,000 slides; a horticultural library.

PUBLICATIONS: *Notes from Strybing Arboretum* (published as part of the quarterly *California Horticultural Journal*); leaflets, booklets.

INFORMATION SERVICES: The staff provides information on plant identification, makes referrals, and permits onsite use of literature collection. Trained volunteers man an information kiosk and provide tours of the Arboretum. Special interest tours are available on request. Self-guided walks include the Redwood Nature Trail, the Native Conifer Walk, and Indian-use Plants. Construction is under way on

a 17-acre nature trail of California Plant communities. Demonstration gardens provide the homeowner with landscaping ideas for urban gardens. A lecture series is offered twice yearly on horticultural topics, natural history, and conservation. An auditorium and other rooms provide meeting space for local and State horticulture and conservation societies. The Arboretum is open free to the public.

STUART CO. LIBRARY

1664 3360 East Foothill Blvd.
Pasadena, Calif. 91109
Tel: (213) 795-7251

The Stuart Co. is a division of Atlas Chemical Industries, Inc.

AREAS OF INTEREST: Medicine; pharmacy; chemistry; nutrition; pharmacology; biochemistry; drugs; vitamins; business management.

HOLDINGS: 3,500 books; 500 periodical titles; 14,000 reports; 14,000 pamphlets.

PUBLICATIONS: Bibliographies.

INFORMATION SERVICES: Answers brief inquiries; provides limited reference and literature-searching services; makes interlibrary loans.

SUNKIST GROWERS, INC.

Research and Development Division Special Library

1665 Sunkist Growers, Inc.
616 East Sunkist St.
Ontario, Calif. 91761
Tel: (714) 986-4511 Ext. 289

AREAS OF INTEREST: Chemistry, with emphasis on the biological aspects of agriculture and food; food technology; essential oils and perfumery; microbiology; citrus fruit and citrus fruit products.

HOLDINGS: 1,000 books; 200 journals.

INFORMATION SERVICES: Permits onsite use of collection by persons having special interest in citrus, by appointment.

SUPERINTENDENT OF DOCUMENTS

see Government Printing Office

SYRACUSE UNIVERSITY

Biological Research Laboratories

1666 Department of Biology
Syracuse University
130 College Pl.
Syracuse, N.Y. 13210
Tel: (315) 476-5541 Ext. 2822

AREAS OF INTEREST: Microbiology; botany; genetics (microbial).

INFORMATION SERVICES: Answers inquiries.

College of Forestry

see State University of New York

Natural Sciences Library

1667 Syracuse University
407 Lyman Hall
Syracuse, N.Y. 13210
Tel: (315) 476-5541 Ext. 2160

AREAS OF INTEREST: Bacteriology; botany; zoology; geology; physical geography.

HOLDINGS: 45,000 books; 560 periodical titles; 82,000 map sheets.

PUBLICATIONS: *Ecology and Environmental Quality* (a selected and annotated bibliography for biologists and earth scientists, 1971); *Information Sources in the Biological Sciences* (1969); *Information Sources in the Earth Sciences* (1967).

INFORMATION SERVICES: Answers inquiries; provides reference services; makes interlibrary loans; permits onsite use of collection.

Facilities include a coin-operated microfilm reader.

Technical Resources Center

1668 University College
610 East Fayette St.
Syracuse, N.Y. 13202
Tel: (315) 476-5878

AREAS OF INTEREST: Technical and scientific information dissemination, including the exchange and transfer of technological information among business, education, and government in a seven-county area of Upstate New York; research and development activities of government and private industry.

tion; technical reports, indexes, bibliographies, maps.

PUBLICATIONS: Annual report, brochures, proceedings, newsletter.

INFORMATION SERVICES: Makes referrals; provides reference and literature-searching services; conducts seminars, workshops, and conferences on current problems.

TANNERS COUNCIL RESEARCH LABORATORY

see University of Cincinnati

TARPON ZOO, INC.

1669 P.O. Box 847
Tarpon Springs, Fla. 33589

Location:

Highway 19
Tarpon Springs, Fla.
Tel: (813) 937-4201

AREAS OF INTEREST: New World mammal, bird, and reptile species for medical research.

HOLDINGS: Laboratory research animals, zoo animals, mammals, birds, reptiles, fish, amphibians.

PUBLICATIONS: Price lists of animals for sale by the Zoo.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, literature-searching, and abstracting services; provides information on care of animals; makes referrals.

TAYLOR MEMORIAL ARBORETUM

1670 10 Ridley Dr., Garden City
Wallingford, Pa. 19086
Tel: (215) 876-2649

AREAS OF INTEREST: Plants and shrubbery.

HOLDINGS: Plant specimens.

INFORMATION SERVICES: Answers inquiries; identifies plant specimens; provides lecturers to garden clubs and schools. The Arboretum is open to the public.

School of Pharmacy

1671 Temple University
3223 North Broad St.
Philadelphia, Pa. 19140
Tel: (215) 229-8500

AREAS OF INTEREST: Pharmacy; pharmacology; teratology; physiology; microbiology; chemistry, including biochemistry, analytical chemistry, and radiochemistry; poison control; environmental health; hospital pharmacy.

HOLDINGS: 30,000 books; 5,000 reports; 425 foreign and domestic journals.

PUBLICATIONS: Reports, reviews, and books by staff members.

INFORMATION SERVICES: Answers brief inquiries; provides reference services; provides consulting services for fee; makes referrals; makes interlibrary loans.

TENNESSEE AGRICULTURAL EXPERIMENT STATION

see University of Tennessee

TENNESSEE BOTANICAL GARDENS

1672 Cheekwood
Cheek Rd.
Nashville, Tenn. 37205
Tel: (615) 356-3306

AREAS OF INTEREST: Native Tennessee flora; landscaping.

HOLDINGS: Botanical gardens; photos, slides, technical reports, books, newsletters, periodicals, pamphlets, leaflets, posters, clippings.

PUBLICATIONS: *Cheekwood Mirror* (monthly bulletin); brochures.

INFORMATION SERVICES: Answers inquiries; makes referrals; arranges tours of other gardens and historical sites; offers educational courses; permits onsite reference.

TENNESSEE DEPARTMENT OF PUBLIC HEALTH

1673 Cordell Hull Bldg.

AREAS OF INTEREST: Public health, including industrial hygiene, water pollution, radiological health, air pollution, and post mortem services; chromatography; colorimetry; polarography; spectrometry.

HOLDINGS: 4,000 books; 50 periodical titles; 500 reports.

INFORMATION SERVICES: Answers inquiries; provides consulting and limited reference services free to Tennessee residents; examines materials for toxicological analysis, usually for the medical profession and law enforcement agencies.

Division of Stream Pollution Control

1674 Tennessee Department of Public Health
621 Cordell Hull Bldg.
Nashville, Tenn. 37219
Tel: (615) 741-2275

AREAS OF INTEREST: Stream pollution; underground water pollution; water quality; sewage treatment; industrial waste treatment.

HOLDINGS: Books, reports.

PUBLICATIONS: Reports on pollution control and water quality of streams in the State (available free).

INFORMATION SERVICES: Answers inquiries; makes referrals; provides testing services related to water pollution control programs in Tennessee.

TENNESSEE GAME AND FISH COMMISSION

1675 P.O. Box 40747
Ellington Agricultural Center
Nashville, Tenn. 37203
Tel: (615) 741-1575 (Fish Division)
(615) 741-1476 (Game Division)

AREAS OF INTEREST: Tennessee game and fish; conservation; recreation; stream pollution.

HOLDINGS: Motion pictures, photos, slides, reports, pamphlets, fishkill data.

PUBLICATIONS: Annual report, technical reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services; lends material.

Facilities include an IBM 360 computer.

Fish Management Division

1676 Tennessee Game and Fish Commission
Ellington Agricultural Center

AREAS OF INTEREST: All areas of fisheries management in Tennessee, with special emphasis on pollution detection and abatement, trout management, and large impoundment investigations.

HOLDINGS: Collection of motion pictures, photos, slides, and pamphlets, most of which are slanted toward fishermen and conservationists; mimeographed copies of research project records.

PUBLICATIONS: The Commission's Information and Education Division has prepared numerous manuals, leaflets, and pamphlets which are distributed free to fishermen, farmers, etc. Biologists publish in appropriate journals.

INFORMATION SERVICES: Technical inquiries relating to fish, fish food organisms, pollution, etc. are answered by biologists. The Division lends motion pictures, photos, slides, etc. Services are provided free.

TENNESSEE VALLEY AUTHORITY

Director of Information

1677 Tennessee Valley Authority
New Sprinkle Bldg.
Knoxville, Tenn. 37902
Tel: (615) 522-7181

AREAS OF INTEREST: Tennessee Valley resource development, industrial development, regional planning, forest management and utilization, agricultural and forest economics, agronomy, and geology; navigation, freight transportation, and water resources; electric power production, power distribution, management, and sales; flood control, hydraulics, hydrology, and meteorology; chemistry, soil chemistry, fertilizers, and fertilizer distribution and marketing; air and stream pollution, ecology, aquatic biology, reclamation, and nuclear pollution; engineering (civil, electrical, mechanical, chemical, nuclear); architecture, urban planning, and landscaping; recreation and recreational development; mathematics and computers.

PUBLICATIONS: *TVA Newsletter* (weekly); general information publications and films, technical reports and monographs, chemical engineering bulletins.

INFORMATION SERVICES: Answers inquiries; supplies films; makes referrals.

1678

Division of Environmental Research and Development

1678 Tennessee Valley Authority
720 Edney Bldg.
11th and Market Sts.
Chattanooga, Tenn. 37401
Tel: (615) 755-2002

AREAS OF INTEREST: Water and water research, including aquatic biology, reservoir ecology, control of aquatic weeds, eutrophication, limnology, phreatophyte control, water pollution, waste water disposal, water quality, water analysis, water chemistry, water economics, water microbiology, effects of impoundment on water quality, and thermal pollution; air and air research (related to coal-fired and nuclear steam-electric plants), including plume rise, stack height, plume dispersion, ground level concentration of stack emissions, environmental effects of stack emissions, meteorology, removal of sulphur from stack gas in usable form, control of sulphur oxide emissions, control of particulate emissions, air monitoring instrumentation, cooling tower emissions, air chemistry, and stack gas chemistry; solid waste research, including compost processing, utilization of compost, solid waste collection systems, and solid waste disposal; industrial and radiological hazards control; reservoir mosquito control.

HOLDINGS: Technical papers, research reports, and news releases related to water. A list of technical reprints is available.

INFORMATION SERVICES: Answers technical inquiries through correspondence, technical material, or discussion and consultation.

Division of Forestry, Fisheries, and Wildlife Development

1679 Tennessee Valley Authority
Norris, Tenn. 37828
Tel: (615) 522-7181 Ext. 2296

AREAS OF INTEREST: Aquatic biology; fish diseases; fishkills; wildlife management; acid mine drainage; watershed management; forest management; reforestation; tree improvement; hydrologic condition of forest soils; forest inventory; timber harvesting and utilization; strip mine reclamation.

HOLDINGS: An extensive forestry and wildlife reference library.

TENNESSEE VALLEY AUTHORITY

PUBLICATIONS: Fish inventories of TVA reservoirs; forestry, fisheries, and wildlife reports. A publications list is available.

INFORMATION SERVICES: Answers inquiries; makes interlibrary loans; permits onsite reference.

Technical Library

1680 Tennessee Valley Authority
500 Union Ave. SW.
Knoxville, Tenn. 37902
Tel: (615) 522-7181

AREAS OF INTEREST: Tennessee Valley resources development; flood control; stream and air pollution control; navigation; electric power; forest management and utilization; agricultural and forest economics; mathematics and computers; fertilizers; agronomy; soil chemistry; aquatic biology; engineering (civil, electrical, mechanical, chemical, nuclear); hydraulics; hydrology; geology; architecture; meteorology.

HOLDINGS: 70,000 books, 1,400 journal and periodical titles, 2,200 reports, 30,000 pamphlets, and 30,000 Government documents, including much historical material on the Tennessee River region and development of its resources. (The Library is the official depository for most reports and studies originating in the TVA.) There is a clipping file of 400,000 items, which gives a complete day-by-day history of the TVA.

PUBLICATIONS: Acquisitions lists, indexes, and bibliographies, including three annual bibliographies: *Indexed Bibliography of the Tennessee Valley Authority*; *TVA Program Bibliography*; and *Flood Damage Prevention, An Indexed Bibliography*. *Fertilizer Abstracts* is prepared and published monthly by the Technical Library at Muscle Shoals, Ala.

INFORMATION SERVICES: Makes interlibrary loans; permits onsite reference. Library services are also available from the two branch libraries, located as follows:

Muscle Shoals, Ala. 35661
Tel: (205) 383-4631

Chattanooga, Tenn. 37401
Tel: (615) 265-3551

THE TERATOLOGY SOCIETY

1681 400 East 34th St., Room RR506
New York, N.Y. 10016
Tel: (212) 679-3200 Ext. 2455

AREAS OF INTEREST: Teratology; comprehensive interdisciplinary interest in experimental and clinical aspects of congenital malformations.

HOLDINGS: Abstracts of presentations made at annual meetings of the Society since 1961.

PUBLICATIONS: *Teratology, A Journal of Abnormal Development* (quarterly, published by Wistar Institute, 36th St. at Spruce, Philadelphia, Pa. 19104).

INFORMATION SERVICES: Answers inquiries; makes referrals; conducts educational workshops.

TEXAS A&I UNIVERSITY

Department of Biology

1682 Texas A&I University
Kingsville, Tex. 78363
Tel: (512) 595-211 Ext. 500, 710, or 410

AREAS OF INTEREST: Wildlife ecology; marine biology; animal and plant ecology; plant pathology; systematic biology (botany, herpetology, mammalogy, ornithology, malacology, marine invertebrates); entomology; reproductive physiology.

HOLDINGS: Study collections of 500 birds, 300 mammals, 3,000 herps, 5,000 fish, 3,000 molluscs, 10,000 insects, 3,000 spiders, 1,000 marine invertebrates, and 4,500 higher plants; the Robert Runyon systematic botany literature collection of approximately 600 titles.

PUBLICATIONS: Papers in *TAIUS* (a journal published by the University).

INFORMATION SERVICES: Answers inquiries; provides consulting services for fee. Qualified scientists may have access to all collections and to the library.

School of Agriculture

1683 Texas A&I University
Kingsville, Tex. 78363
Tel: (512) 595-2111

AREAS OF INTEREST: Agriculture, especially citriculture.

HOLDINGS: 5,000 books.

PUBLICATIONS: Reports, research bulletins.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Fees may be charged for extensive services. Inquiries regarding citriculture should be addressed to Dr. R. A. Hensz, Director, Texas A&I Citrus Center, Weslaco, Texas.

TEXAS A&M UNIVERSITY

College of Veterinary Medicine

Department of Veterinary Physiology and Pharmacology

1684 College of Veterinary Medicine
Texas A&M University
Veterinary Medicine Bldg.
College Station, Tex. 77843
Tel: (713) 845-7261

AREAS OF INTEREST: Veterinary physiology and pharmacology, including endocrinology, pathology, nutrition, genetics, metabolism, and biochemistry; enzymes; biology of radioisotopes; radiation biology; environmental sanitation; toxic plants; pesticides; industrial wastes; air and water pollution; toxic fungi; inorganic poisons; biomedical instrumentation; entomology.

HOLDINGS: 10,000 books; 500 periodical titles.

PUBLICATIONS: Annual report. Research results are reported in a number of scientific periodicals.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and literature-searching services; makes referrals; makes direct and interlibrary loans. Some services are free, others are provided on a cost basis.

Department of Agricultural Information

1685 Texas A&M University
College Station, Tex. 77843
Tel: (713) 845-2211

AREAS OF INTEREST: Agriculture, home economics, and related subjects.

HOLDINGS: 1,000 periodicals; reports, bulletins, adult education materials, newsletters, publication lists, pamphlets, news releases.

PUBLICATIONS: Newsletters, reports, pamphlets, directories, bibliographies, books, publication lists, news releases.

INFORMATION SERVICES: Answers inquiries, usually by providing publications; provides reference and duplication services; provides short lists of literature citations in response to specific inquiries; makes referrals; permits onsite use of collection.

Department of Wildlife and Fisheries Sciences

1686 Texas A&M University
College Station, Tex. 77843

AREAS OF INTEREST: All aspects of wildlife and fisheries sciences, including population dynamics, ecology, fisheries management, pollution, and systematics.

HOLDINGS: Large reference collection of fish, reptiles, amphibians, birds, and mammals from the U.S., Central America, and South America for comparative identification; books, periodicals, reports.

PUBLICATIONS: Scientific papers published by staff members.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services. Fees may be charged for extensive services.

The Caesar Kleberg Research Program in Wildlife Ecology, an important research program in the Department, conducts projects of wildlife conservation and management in four countries of Africa and in India.

Marine Laboratory

1687 Texas A&M University
Building 311, Fort Crockett
Galveston, Tex. 77550
Tel: (713) 763-1655

AREAS OF INTEREST: Marine biology, including the biology of mollusks, crustaceans, and phytoplankton; marine ecology; biological oceanography.

HOLDINGS: Technical reports.

PUBLICATIONS: Technical papers by staff members.

INFORMATION SERVICES: Answers brief inquiries free; provides consulting services for fee; provides short lists of literature citations in response to specific inquiries; makes referrals; distributes reprints of technical papers published by staff members; permits onsite use of collection.

Texas Agricultural Experiment Station

1688 Texas A&M University
College Station, Tex. 77843
Tel: (713) 846-8861

AREAS OF INTEREST: General agriculture; agricultural economics; home economics; sociology; agricultural engineering; animal science; biophysics; biochemistry; nutrition; molecular biology; dairy production; food technology; poultry science; entomology; plant physiology; plant pathology; genetics; range sciences; forestry; soil science; crop science; veterinary sciences; economic zoology; physiology and biochemistry of cotton.

PUBLICATIONS: *Texas Agricultural Progress* (quarterly); technical reports, bulletins, proceedings.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services; makes printed materials available without charge.

Texas Agricultural Extension Service

1689 Texas A&M University
College Station, Tex. 77840
Tel: (713) 846-8741

AREAS OF INTEREST: Agricultural production and management; use of natural resources; marketing and utilization of farm products; home economics; 4-H clubs and youth development; community resource development and public affairs.

HOLDINGS: 400 motion pictures; 2,600 photos; 390 sets of slides; 20,000 project records; 950 newsletters; 2,600 pamphlets and bulletins; news releases, tapes.

PUBLICATIONS: Newsletter, pamphlets, motion pictures, photos, slides, publication lists, news releases.

INFORMATION SERVICES: Answers inquiries; provides consulting services and short lists of literature citations in response to specific inquiries; provides soil testing and ration formulation services; identifies plant diseases and insects; makes referrals; permits onsite use of collection.

University Library

1690 Texas A&M University
College Station, Tex. 77843
Tel: (713) 845-6111 (Administrative Office)
(713) 845-1451 (Science and Technology Division)

AREAS OF INTEREST: All fields of engineering, including nuclear; pure sciences and applied technology; all fields of agriculture; veterinary medicine; chemistry; computer science; business administration; architecture; city planning; military science; humanities; social sciences; transportation; hydrology.

HOLDINGS: 610,000 volumes; 275,000 microforms, including microcards, microfiche, and microfilm; 10,000 currently received serial titles; 50,000 technical reports; newspapers, theses, dissertations, reviews, abstracts and indexes. The Library is a depository for U.S. Atomic Energy Commission documents and is a selective depository for other Government publications.

INFORMATION SERVICES: Makes interlibrary loans; provides limited bibliographic services; permits onsite reference; lends materials to visiting scholars with credentials.

Water Resources Institute

1691 Texas A&M University
College Station, Tex. 77843
Tel: (713) 845-1851

AREAS OF INTEREST: Water resources, including: water quality; water treatment; water pollution; aquatic biology; limnology; water supply; water resources economics; water recreation; irrigation economics; erosion and erosion control; sedimentation; evaporation and evapotranspiration; evaporation suppression; ground-water hydrology and well recharge; stochastic hydrology; watershed hydrology; hydrogeology; hydrometeorology; ground-water pollution; rainfall; runoff; soil and plant water relations; water conservation; watershed management; urban hydrology; chemical and physical properties of water; saline water conversion; water institutions and organizations; and systems analysis and optimization techniques in water planning.

HOLDINGS: Journals, abstracts, reprints, slides, publication lists, pamphlets, brochures.

PUBLICATIONS: A Technical Report series. Other research results are published in special reports, progress reports, and professional journals. A list of publications and projects is available.

INFORMATION SERVICES: Answers inquiries; makes referrals; permits onsite use of collection.

TEXAS AGRICULTURAL EXPERIMENT STATION

see Texas A&M University

TEXAS DEPARTMENT OF HEALTH

1692 1100 West 49th St.
Austin, Tex. 78756
Tel: (512) 454-3781

AREAS OF INTEREST: Public health in Texas, including communicable and chronic diseases, dental health, mental health, tuberculosis, cancer, heart disease, crippled children's services, hospital services and licensing, maternal and child health, nursing and convalescent homes, public health nursing, environmental sanitation and sanitary engineering, occupational health, radiation control, air and water pollution control, veterinary public health, and public health statistics and education.

HOLDINGS: 5,000 books; 1,000 periodicals; 1,000 literature titles on public health.

PUBLICATIONS: Bibliographies, standards and specifications, biennial report.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; provides diversified laboratory services in all areas of public health investigation; makes referrals; permits onsite use of collection. Services are primarily for Texas residents.

TEXAS FOREST SERVICE

1693 Texas A&M University
College Station, Tex. 77843
Tel: (713) 845-2641

AREAS OF INTEREST: All forest resources of the State; operation of forest tree nurseries, pine seed orchards, pine seed production areas, forest products laboratory, forest genetics laboratory, State forests, and forest pest control laboratory.

HOLDINGS: 40 motion pictures; 400 maps and charts; pamphlets, posters, periodicals, bibliographies, newsletters, publication lists, news releases.

PUBLICATIONS: *Texas Forest News* (quarterly); motion pictures, photos, slides, maps and charts, posters, books, technical reports, bibliographies, publication lists, pamphlets, booklets, circulars, news releases.

INFORMATION SERVICES: Answers inquiries; identifies trees and wood specimens; provides consulting services, assistance to forest industrial organizations, information to students and teachers in public schools and universities on forest resources, and contract services; makes referrals; permits onsite use of collection.

Forest Genetics Laboratory

1694 Texas A&M University
College Station, Tex. 77843
Tel: (713) 846-6236

AREAS OF INTEREST: Genetic improvement of forest trees, especially growth rate, form, drought resistance, and wood quality.

HOLDINGS: Extensive collection of wood samples, pollen specimens, and forest tree seed; reference collection of books, journals, technical reports, reviews, reprints, bibliographies, pamphlets, motion pictures, photos, and slides.

PUBLICATIONS: Reviews, reprints, annual report, illustrated summary of current activities.

INFORMATION SERVICES: Answers brief inquiries.

Forest Products Laboratory

1695 P.O. Box 310
Lufkin, Tex. 75901
Tel: (713) 632-6666

AREAS OF INTEREST: All aspects of wood use, including production, processing methods, deterioration, development of new products, analysis of wood market potentials, and the planning of new wood-using industries; wood preservatives; wood drying; physical, mechanical, and biological properties of wood.

HOLDINGS: 5,100 wood samples; 2,700 photos; 750 books; reports, standards and specifications, periodicals, abstracts, indexes, bibliographies.

PUBLICATIONS: Various types (all irregular).

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting and bibliographic services; performs physical and biological testing of wood and wood products; permits onsite reference.

TEXAS MEDICAL ASSOCIATION MEMORIAL LIBRARY

1696 1801 North Lamar Blvd.
Austin, Tex. 78701
Tel: (512) 477-6704

AREAS OF INTEREST: Clinical medicine; medical jurisprudence; accidents; alcoholism; drug addiction; narcotics; chemotherapy; industrial hygiene; toxicology.

HOLDINGS: 40,000 books and periodicals; 150,000 reprints and reports; films and photographs.

PUBLICATIONS: The Association publishes the monthly *Texas State Journal of Medicine*.

INFORMATION SERVICES: Provides reference, duplication, and literature-searching services; makes inter-library loans; permits onsite use of collection.

TEXAS PARKS AND WILDLIFE DEPARTMENT

1697 John H. Reagan State Office Bldg.
Austin, Tex. 78701
Tel: (512) 475-2087

AREAS OF INTEREST: Fish and wildlife in Texas, including research, management, restoration, and conservation; pollution and pollution mechanisms; pollution determination techniques; acquisition and operation of recreational, scenic, and historic State parks.

HOLDINGS: Books, reports, periodicals.

PUBLICATIONS: *Texas Parks and Wildlife* (monthly); technical reports, pamphlets, motion pictures, photos, slides, weekly news releases.

INFORMATION SERVICES: Answers inquiries; provides consulting services; permits onsite use of collection.

TEXAS PODIATRY ASSOCIATION

1698 412 Austin Savings Bldg.
1008 Lavaca St.
Austin, Tex. 78701
Tel: (512) 477-8891

AREAS OF INTEREST: Podiatry.

HOLDINGS: 600 books; 4,500 pamphlets; 1,150 phonograph records; 25 motion pictures; slides, maps, newsletters, posters and other display materials, project records, graphs, standards and specifications, reprints, publication lists, news releases, clippings, data compilations, unevaluated data.

PUBLICATIONS: *Texas News Bulletin* (monthly); publication lists, news releases.

INFORMATION SERVICES: Answers brief inquiries; permits onsite use of collection.

TEXAS WOMAN'S UNIVERSITY

Department of Biology

1699 Texas Woman's University
Denton, Tex. 76204
Tel: (817) 387-6266

AREAS OF INTEREST: Radiation biology (mammalian, microbial, molecular); molecular biology; microbial physiology; plant physiology; cytology; cell physiology; microbial genetics; genetics.

HOLDINGS: 50,000 books; 500 periodical titles.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

TISSUE CULTURE ASSOCIATION

1700 c/o Dr. Raymond Kahn, Secretary
Department of Anatomy
School of Medicine
University of Michigan
Ann Arbor, Mich. 48104
Tel: (313) 764-4355

AREAS OF INTEREST: Tissue culture (mammalian, plant, invertebrate, vertebrate); cancer research; virology; nutrition; cell biology; biochemistry.

INFORMATION SERVICES: Answers inquiries. Other services are provided to qualified scientists primarily through the W. Alton Jones Cell Science Center in Lake Placid, N.Y.

W. Alton Jones Cell Science Center

George and Margaret Gey Library

1701 W. Alton Jones Cell Science Center
P.O. Box 631
Lake Placid, N.Y. 12946

Location:

Old Barn Rd.
Lake Placid, N.Y.
Tel: (518) 523-2427

AREAS OF INTEREST: Both plant and animal cell and organ culture and related fields, including cytology, cell biology, immunology, virology, and genetics.

HOLDINGS: Special collection of reprints relating to tissue culture; books, periodicals.

PUBLICATIONS: *Index to Tissue Culture 1970* (October House, New York, 1971); *Index to Tissue Culture 1966-1969* (October House, New York, 1970).

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, literature-searching, and abstracting services; provides duplication services for fee; makes interlibrary loans; permits onsite use of collection. Services are provided free to all Tissue Culture Association members.

TOBACCO GROWERS' INFORMATION COMMITTEE, INC.

1702 P.O. Box 12046
Cameron Village Station
Raleigh, N.C. 27605

Location:

York Bldg., Room 226
Raleigh, N.C.
Tel: (919) 832-3766

The Tobacco Growers' Information Committee, Inc. serves as a clearinghouse on tobacco information for growers, warehousemen, independent dealers, manufacturers, and wholesalers.

AREAS OF INTEREST: Tobacco.

HOLDINGS: Small collection of books, periodicals, and reports.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and duplication services; makes referrals. Although the Committee was established to serve the tobacco community, technical services are available to the public.

TODAY CO.

1703 1132 National Press Bldg.
Washington, D.C. 20004
Tel: (202) 628-6663

AREAS OF INTEREST: Research animals; libraries; pharmacology and toxicology; hospital planning, design, and operation; documentation; thesaurus and controlled vocabulary development; standards development; adult education; continuing education.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: *TODAY Publications Newsletter Series*; directories, bibliographies, technical manuals and reports.

INFORMATION SERVICES: Answers inquiries; provides reference services; provides consulting, literature-searching, and abstracting and indexing services on fee basis; makes referrals; permits onsite use of collection.

TOLEDO DISTRICT BOARD OF HEALTH

1704 635 North Erie St.
Toledo, Ohio 43624
Tel: (419) 255-1500 Ext. 255

AREAS OF INTEREST: All aspects of public health.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals.

TOLEDO-LUCAS COUNTY PUBLIC LIBRARY

Science and Technology Department

1705 Toledo-Lucas County Public Library
325 Michigan St.
Toledo, Ohio 43624
Tel: (419) 241-3133

AREAS OF INTEREST: Science; technology; glass; mathematics; astronomy; physics; chemistry; geology; engineering; chemical technology; mechanics; manufacturing; paleontology; biology; botany; zoology; medicine; agriculture; domestic economy; trades; building.

HOLDINGS: 55,000 books; 600 periodical titles; U.S. Geological Survey topographic maps; U.S. Patent Office patent numbers (listed by class of patent) on microfilm; U.S. patents; extensive collection on glass.

INFORMATION SERVICES: Answers inquiries; makes referrals; lends materials to library card holders; permits onsite reference; provides duplication services by coin operated vico-matic.

TRACE LEVEL RESEARCH INSTITUTE

see Purdue University

TRANSPORTATION, DEPARTMENT OF

Federal Aviation Administration

Office of Aviation Medicine

AEROMEDICAL EDUCATION DIVISION

1706 Office of Aviation Medicine
Federal Aviation Administration
800 Independence Ave. SW.
Washington, D.C. 20590
Tel: (202) 962-5427

AREAS OF INTEREST: Aviation medicine, including aviation psychology, bioengineering, accident investigation, aeromedical standards, aeromedical education, occupational health, industrial hygiene engineering, and clinical research; environmental health; medical aspects of civil aviation safety; biometry and biostatistics in human factors evaluations; impact and acceleration stress.

PUBLICATIONS: Technical reports.

INFORMATION SERVICES: Answers inquiries.

THE TRAVELERS RESEARCH CENTER, INC.

1707 250 Constitution Plaza
Hartford, Conn. 06103
Tel: (203) 277-3326

AREAS OF INTEREST: Atmospheric dynamics; mesometeorology; air pollution; hurricane forecasting research; weather forecasting services; oceanography; hydrology and water resources; operations research; mathematical statistics; data processing; electronic systems design; meteorology; traffic safety.

HOLDINGS: 3,000 books; 500 journals; 6,500 reports; over 4,000 magnetic tapes of meteorological and oceanographic data; various maps, charts, and data.

PUBLICATIONS: *Library Acquisition List* (monthly); reports, state-of-the-art review, standards and specifications, bibliography.

INFORMATION SERVICES: Provides consulting and reference services for fee; makes interlibrary loans; permits onsite use of collection.

Facilities include a fully-equipped computer laboratory, IBM 360/40.

TRAVENOL LABORATORIES, INC.

Scientific Services Section

1708 Travenol Laboratories, Inc.
6301 Lincoln Ave.
Morton Grove, Ill. 60053
Tel: (312) 965-4700 Ext. 3471

AREAS OF INTEREST: Medicine; chemistry; biomedical engineering; medical electronics; anesthetics parenterals; anticoagulants; thyromimetics; enzymes; artificial organs; diagnostics; hospital disposables.

HOLDINGS: 22,000 volumes; 800 periodical titles 160 reels of microfilm.

PUBLICATIONS: Bibliographies, reports, critical reviews.

INFORMATION SERVICES: Answers inquiries; provide consulting, reference, literature-searching, abstracting, translation, and duplication services; make referrals; makes interlibrary loans. Services are provided only by special arrangement.

Facilities include a microfilm camera and reader-printer.

TROUT UNLIMITED

1709 c/o Mr. R. P. Van Gytenbeck, Executive Director
5850 East Jewell Ave.
Denver, Colo. 80222
Tel: (303) 757-7144

AREAS OF INTEREST: Trout, salmon, and steelhead fishing; trout research and management; conservation; water pollution; cold water fisheries resource-habitat.

HOLDINGS: Small reference collection of books, periodicals, technical reports, abstracts, and clippings.

PUBLICATIONS: *Trout* (quarterly); newsletter, reprints, pamphlets (primarily for members and special recipients).

INFORMATION SERVICES: Answers brief inquiries; makes referrals; provides consulting services to members only.

TUFTS UNIVERSITY

Medical-Dental Library

1710 Tufts University
136 Harrison Ave.
Boston, Mass. 02111
Tel: (617) 423-4600 Ext. 242

AREAS OF INTEREST: Medicine; dentistry.

HOLDINGS: 53,413 books; 1,602 periodical titles; special collections in hematology and periodontology.

PUBLICATIONS: Accessions list (monthly); library guide.

INFORMATION SERVICES: Answers brief inquiries; provides literature-searching and duplication services; makes referrals; makes interlibrary loans; permits onsite use of collection by persons with legitimate need for medical and dental library materials. Services are free to the staff of the Tufts-New England Medical Center and affiliated teaching hospitals.

TULANE UNIVERSITY

Computer Centers

1711 Tulane University
134 LaSalle St.
New Orleans, La. 70112
Tel: (504) 525-8708

AREAS OF INTEREST: Computers; information systems; computer programming; computer applications; medical data banks; biomedical computing system.

HOLDINGS: 350 project records; 375 technical reports; punched cards, tapes.

PUBLICATIONS: Reports, brochure.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services.

Delta Regional Primate Research Center

1712 Tulane University
Covington, La. 70433
Tel: (504) 892-2040

AREAS OF INTEREST: Research in nutrition, communicable diseases, genetics and developmental disorders, environmental health, behavioral sciences, and chronic and degenerative diseases.

HOLDINGS: 51 chimpanzees and 770 gibbons and monkeys from Aisa, Africa, and Central and South America; a literature collection of 1,600 books, 2,785 issues of journals (209 titles), and 21,000 reprints.

PUBLICATIONS: Reports, articles in scientific journals, pamphlets, books and chapters in books.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, abstracting, and duplication services; makes referrals; makes interlibrary loans; permits onsite use of collection. A regular and systematic information service for scientists in the Center and elsewhere is maintained. The literature is searched and reprints are collected, using the *Research Grants Index* issued by NIH's Division of Research Grants, and *Index Medicus*, issued by the National Library of Medicine, and its MEDLARS service. Services are primarily for research associates, cooperative researchers, graduate students, and other specialists.

Department of Environmental Health

1713 School of Public Health and Tropical
Medicine
Tulane University
1430 Tulane Ave.
New Orleans, La. 70112
Tel: (504) 523-3381

AREAS OF INTEREST: Occupational health; hydrology; sanitary chemistry; water and waste treatment; environmental microbiology; radiological health; air pollution control; industrial waste treatment.

HOLDINGS: 8,000 books; periodicals.

PUBLICATIONS: Periodicals, books, reports, reviews.

INFORMATION SERVICES: Provides consulting services for fee.

Department of Pharmacology

1714 Tulane University Medical School
1430 Tulane Ave.
New Orleans, La. 70112
Tel: (504) 588-5444

AREAS OF INTEREST: Pharmacology; drug effects on the central nervous system and kidney; pesticides; cholinesterase inhibitors; plant poisons; toxicity of drugs; analytical methods, including ultraviolet and infrared spectrometry, and spectrophotometry.

HOLDINGS: Small collection of books and periodicals.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers brief inquiries; provides limited consulting services.

Rudolph Matas Medical Library

1715 Tulane University
1430 Tulane Ave.
New Orleans, La. 70112
Tel: (504) 523-3381

AREAS OF INTEREST: Medical and biological sciences, including industrial and legal medicine, anesthesiology, pharmacology, and instrumentation and techniques; experimental biology; medicine; surgery; history of medicine; fiction by and about doctors.

HOLDINGS: 111,137 books; 1,662 periodical titles; medical picture collection.

INFORMATION SERVICES: Answers brief inquiries; makes interlibrary loans; provides reference services to Tulane University faculty and students and to members of the Orleans Parish Medical Society. The Library serves all medical libraries and personnel in New Orleans and, through interlibrary loans, all medical libraries in Louisiana, as well as any other medical library requesting service through the interlibrary loan system. The Library is a resource member of the TALON Regional Medical Library Program.

TULSA CITY-COUNTY HEALTH DEPARTMENT

1716 4616 East 15th St.
Tulsa, Okla. 74112
Tel: (918) 939-2671

AREAS OF INTEREST: A generalized program of personal health services, including dental public health, maternal and child health, control of communicable diseases, tuberculosis, venereal diseases, a chronic disease screening unit, and V.N.A.; environmental health protection, including milk, food, meat, water, sewage, air pollution control, occupational health, and radiological health; public health laboratory services (except virology); management of a neighborhood health center; health education; vital statistics for Tulsa County; housing code enforcement; enforcement of ambulance ordinances.

HOLDINGS: Extensive reports of applied research in the areas of dentistry, environmental health, and communicable diseases; a partly completed study on pesticide residuals in the Arkansas River and a partly completed "Needs" study.

PUBLICATIONS: Reports (annual reports, annual plans, etc.), critical reviews, standards and specifications.

INFORMATION SERVICES: Answers inquiries; provides consulting services and reference materials; make referrals; makes protective inspections; prepare laboratory analyses; refers vital statistics information to the State Health Department.

TUSKEGEE INSTITUTE

see Carver Research Foundation of Tuskegee Institute

UNITED FRESH FRUIT AND VEGETABLE ASSOCIATION LIBRARY

1717 777 14th St. NW.
Washington, D.C. 20005
Tel: (202) 638-6606

AREAS OF INTEREST: Production and marketing fresh fruits and vegetables, including statistical merchandising methods, transportation, storage and temperature, prices, containers, packaging, and contribution; physical and chemical research on fresh fruits and vegetables; history of fruits and vegetables; botany; nutrition, with special reference to fruits and vegetables but covering also the entire field in detail, by commodity, by nutrient, and by disease entity such as beri beri, pellagra, scurvy, atherosclerosis, and obesity.

HOLDINGS: 64,000 reports, 800 books; 39 journal titles; data compilations, films, photos, maps and charts, tear sheets.

PUBLICATIONS: *United Fresh Outlook* and *Potato Division Spudlight* (weekly newsletters); *Supply Letter*, *Tomato Talk*, *Management Review*, and *Terminal Times* (all monthly); *Nutrition Notes* (approximately quarterly); *Fruit and Vegetable Facts and Pointers* (fact sheets on each of 81 commodities); yearbook, technical reports, bibliography, directory, descriptive brochure. A publications list is available.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and document services; makes referrals. Services are primarily for members, but are also provided, in most cases, to Government agencies and to inquirers from universities doing work in this field.

UNITED STATES BEET SUGAR ASSOCIATION

1718 1156 15th St. NW., Suite 1019
Washington, D.C. 20005
Tel: (202) 737-2146

AREAS OF INTEREST: Sugar; beet sugar; sugar beets.

HOLDINGS: 2,100 books; 12 journal subscriptions; reports, films, photos.

PUBLICATIONS: Statistical data, a teaching kit for upper elementary and junior high levels, a popularized book on the industry, and a directory.

INFORMATION SERVICES: In response to inquiries, the Association provides general, nontechnical, non-scientific information about the sugar beet industry. For scientific and technical information, inquiries should be directed to the American Society of Sugar Beet Technologists, described elsewhere in this directory.

UNITED STATES BOTANIC GARDEN

1719 1st and Canal Sts. SW.
Washington, D.C. 20024
Tel: (202) 225-8333

AREAS OF INTEREST: Botany; tropical plants; identification of plants.

HOLDINGS: Specimen collection of over 8,000 species and varieties of plants from all over the world, including rare and unusual plants; a small reference collection of books and periodicals.

INFORMATION SERVICES: Answers inquiries; identifies botanical specimens and provides information relating to the proper care and methods of growing the plants; provides consulting services. The Botanic Garden is open to the public. Four special shows of flowering plants are presented annually: the Azalea Show, the Easter Show, the Chrysanthemum Show, and the Poinsettia Show.

UNITED STATES GOVERNMENT

see names of individual departments and agencies

UNITED STATES SENATE

see Congress of the United States

UNITED STATES TESTING CO., INC.

1720 1415 Park Ave.
Hoboken, N.J. 07030
Tel: (201) 792-2400

AREAS OF INTEREST: Materials testing; chemical analysis; microbiological analysis; product development; psychometrics; consumer research; textile testing; electronics; environmental testing.

HOLDINGS: 3,400 books; 3,575 reviews; 820 standards and specifications; 13,000 punched cards; 820 project records; 550 slides; 5,600 photos; 21 motion pictures; 1,950 periodicals; 16,000 pamphlets; devices; samples, data.

PUBLICATIONS: Pamphlets.

INFORMATION SERVICES: Answers inquiries; provides reference, consulting, and literature-searching services. A fee is charged for all testing services.

U.S. TROUT FARMERS ASSOCIATION

1721 67 West 9000 South
Sandy, Utah 84070
Tel: (801) 255-0228

AREAS OF INTEREST: Trout culture, farming, and cooking; trout marketing and advertising; freshwater fish culture and marketing.

HOLDINGS: Journals, photos, slides, posters, other display materials, advertising sales aids.

PUBLICATIONS: *American Fishes* and *U.S. Trout News* (bimonthly).

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and duplication services; makes referrals. Services are free to Association members.

UNIVERSITY CITY SCIENCE CENTER

1722 3508 Market St.
Philadelphia, Pa. 19104
Tel: (215) 387-2255

The University City Science Center is a regional, nonprofit corporation owned by a consortium of 24 colleges, universities, medical schools, hospitals, and organizations in the Delaware Valley region.

AREAS OF INTEREST: Research in the physical, biological, and social sciences, and engineering.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Reports, bibliographies, abstracts, indexes.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, literature-searching, and abstracting and indexing services; makes referrals. Services are provided on a contract basis.

UNIVERSITY OF AKRON

Department of Biology

1723 University of Akron
Akron, Ohio 44304
Tel: (216) 762-2441

AREAS OF INTEREST: Biology; microbiology; water quality evaluation.

INFORMATION SERVICES: Answers inquiries free; provides consulting services, especially in microbiology and water quality evaluation, to industrial groups for fee.

UNIVERSITY OF ALABAMA

Department of Pharmacology

1724 University of Alabama
The Medical Center
1919 17th Ave., South
Birmingham, Ala. 35233
Tel: (205) 934-4579

AREAS OF INTEREST: Pharmacokinetics; pediatric pharmacology; molecular pharmacology; autonomic pharmacology; endocrine pharmacology; general toxicology.

HOLDINGS: The Department uses the collections of the Medical Center Library.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

Marine Sciences Institute

1725 University of Alabama
Box 667
Bayou La Batre, Ala. 36509
Tel: (205) 824-2146 or 824-2136

AREAS OF INTEREST: Hydrography and ecology of estuaries, particularly Mobile Bay and Mississippi Sound.

HOLDINGS: Diversified collection of books, periodicals, and reports in the marine sciences, with a good collection in fisheries.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Lends materials to qualified requesters (copies are provided for a small fee in lieu of interlibrary loans on requests of less than 50 pages).

The Institute has laboratory facilities and vessels equipped with conventional and specialized apparatus for biological, chemical, and geological coastal studies.

Medical Center Library

1726 University of Alabama
1919 Seventh Ave., South
Birmingham, Ala. 35233
Tel: (205) 934-4369

AREAS OF INTEREST: Medicine; dentistry; nursing; allied health sciences.

HOLDINGS: 105,000 titles of books, journals, reports, films, and pamphlets. The Library maintains special collections of rare medical books, books on Alabama medical history, and medical prints.

PUBLICATIONS: *Rare Books and Collections of the Reynolds Historical Library: a Bibliography*; other bibliographies, reports.

INFORMATION SERVICES: Provides general reference services; makes interlibrary loans.

Museum of Natural History

1727 University of Alabama
Box 5897, Smith Hall

University, Ala. 35486
Tel: (205) 752-7441 Ext. 420

AREAS OF INTEREST: Natural history, including malacology, entomology, mammalogy, ornithology, ichthyology, herpetology, and archeology.

HOLDINGS: Over 3 million specimens of plants, animals, fossils, and archeological materials; a library of 1,500 books, 4,300 journals, 700 technical reports, and 2,500 reprints.

INFORMATION SERVICES: Answers inquiries; identifies specimens; makes referrals; permits onsite use of collections by qualified scientists.

Science Library

1728 University of Alabama
P.O. Box 6253
University, Ala. 35486
Tel: (205) 348-5959

AREAS OF INTEREST: Science; mathematics; chemistry; physics; geology; oceanography; biology.

HOLDINGS: 60,000 volumes; journals, reports.

INFORMATION SERVICES: Makes interlibrary loans.

UNIVERSITY OF ALASKA

Alaska Agricultural Experiment Station

1729 University of Alaska
P.O. Box AE
Palmer, Alaska 99645
Tel: (907) 745-3110

AREAS OF INTEREST: Subarctic agriculture; soil science; plant pathology; agronomy; agricultural engineering; agricultural economics; horticulture; entomology; fur production; taxonomy of indigenous flora.

HOLDINGS: 2,750 books; 56 periodical subscriptions; 3 series of abstracts; 2,250 technical reports; 4,975 pamphlets; 1,950 plant specimens; 465 photos; 1,625 project records; 16,500 punched cards; reviews, reprints, data.

PUBLICATIONS: *Agroborealis*; project records, reprints, pamphlets, press releases, data.

INFORMATION SERVICES: Provides reference and consulting services; permits onsite reference.

Institute of Arctic Biology

1730 University of Alaska
College, Alaska 99701
Tel: (907) 479-7661

AREAS OF INTEREST: Arctic biology; comparative physiology; environmental physiology; human ecology; ornithology; mammalogy; biochemistry; effects of environmental stresses on man and animals.

HOLDINGS: Study collections of bird and mammal specimens; small working collection of books and journals.

INFORMATION SERVICES: Answers inquiries; permits onsite use of literature collection; distributes reprints of scientific reports.

Facilities include laboratories for metabolic, nutritional, biochemical, and electrophysiological research; shops; a data processing center; cold storage and work space; an area for animal maintenance with indoor and outdoor caging; controlled environment facilities; and enclosures in seminatural areas for holding larger animals.

Institute of Water Resources

1731 University of Alaska
College, Alaska 99701
Tel: (907) 479-7775, 479-7776, or 479-7777

AREAS OF INTEREST: Biological, chemical, and hydrologic information on Alaskan waters; waste treatment processes of and ecological reports on the Far North; arctic sanitary engineering.

HOLDINGS: 1,000 reports; unpublished data on Alaska environment, particularly water; books, periodicals.

PUBLICATIONS: Reports (free, if available; Xeroxing charge for out-of-print reports).

INFORMATION SERVICES: Answers inquiries free; provides advisory and/or consulting services for fee.

University Museum

1732 University of Alaska
College, Alaska 99701
Tel: (907) 479-7505

AREAS OF INTEREST: Biology and anthropology in Alaska.

HOLDINGS: Biological and anthropological specimens; photos.

INFORMATION SERVICES: Answers brief inquiries; disseminates photos; makes referrals. The Museum is open to the public.

1733
UNIVERSITY OF ARIZONA

Arizona Agricultural Experiment Station

1733 University of Arizona
Tucson, Ariz. 85721
Tel: (602) 884-2711

AREAS OF INTEREST: General agriculture; agricultural chemistry; biochemistry; botany; entomology; water utilization; watershed management; agronomy (soils, horticulture, plant breeding, plant pathology); animal pathology; animal science; dairy science; poultry science; agricultural economics, education, and engineering; home economics.

PUBLICATIONS: *Progressive Agriculture in Arizona* (bimonthly); progress reports, technical bulletins.

INFORMATION SERVICES: Answers inquiries; makes referrals.

Arizona Cooperative Wildlife Research Unit

1734 University of Arizona
Biological Sciences Bldg., Room 214
Tucson, Ariz. 85717
Tel: (602) 624-8181

AREAS OF INTEREST: Fisheries and wildlife research and management; general conservation; forestry; watershed management; wildlife economics; range management; ecology; mammals; birds; reptiles; amphibians; fish; hunting and fishing.

HOLDINGS: A library of books, journals, and reports, with source material in English, Russian, Spanish, German, and Finnish.

INFORMATION SERVICES: Provides reference and consulting services; permits onsite use of collections.

College of Agriculture

Agricultural Biochemistry Department

COMMITTEE ON AGRICULTURAL BIOCHEMISTRY AND NUTRITION

1735 College of Agriculture
University of Arizona
Tucson, Ariz. 85721
Tel: (602) 884-1186

AREAS OF INTEREST: Animal and human nutrition; biochemistry of insects; plant-insect relations; RNA

to DNA; polymers from agricultural products; tissue culture.

HOLDINGS: 1,000 books; 250 periodical titles.

PUBLICATIONS: Journal articles, books.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Services are provided free to some users and at cost to others.

Department of Animal Pathology

1736 College of Agriculture
University of Arizona
Tucson, Ariz. 85721
Tel: (602) 884-2355 or 884-2356

AREAS OF INTEREST: Animal health.

HOLDINGS: Significant collection of histological materials representing coccidioidomycosis mammals; small collection of books and periodicals.

PUBLICATIONS: Short papers published irregularly in periodical literature; chapters in books; books published at rare intervals.

INFORMATION SERVICES: Answers inquiries; provides consulting services and laboratory diagnosis of animal diseases. Services are free to all users except poultrymen, who are charged for serologic tests.

Department of Horticulture

1737 College of Agriculture
University of Arizona
Tucson, Ariz. 85721
Tel: (602) 884-1628

AREAS OF INTEREST: Horticulture, especially fruit, citrus, pecans, and vegetables.

PUBLICATIONS: Articles in scientific journals, technical bulletins, progress reports, experiment station reports.

INFORMATION SERVICES: Answers inquiries.

Department of Plant Pathology

1738 University of Arizona
Tucson, Ariz. 85721
Tel: (602) 884-2511

AREAS OF INTEREST: Morphology, taxonomy, and ecology of plant parasitic fungi; ecology and pathology of arid land vegetation; forest pathology; diseases of fruit, ornamental, and native vegetation; epidemiology; biochemistry, serology, and morphology of plant viruses; morphology, taxonomy, and physiology of nematodes; nematode-fungus

complexes; physiology of bacterial plant diseases; physiology of parasitic fungi and biochemistry of resistance in plants; rhizosphere-pathogen relationships, antagonism, and antibiosis.

HOLDINGS: Extensive mycological collection of North American fungi, numbering over 40,000 specimens, including extensive collection of woodrotting fungi of the western United States.

PUBLICATIONS: Articles in scientific journals; abstracts; various leaflets and bulletins concerning plant diseases for distribution to the public.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; maintains a plant clinic for identification of plant disease problems in Arizona.

Department of Watershed Management

1739 University of Arizona
Tucson, Ariz. 85721
Tel: (602) 884-2313

AREAS OF INTEREST: Management of renewable natural resources for water, forage, wood, recreation, and wildlife; snow hydrology; resource economics; resource product marketing; remote sensing; quantitative ecology; statistical and computer modeling for biological applications.

HOLDINGS: The Department has access to the University library's holdings of over 1,000,000 volumes, 275,000 microfilms, 14,000 serial titles, over 75,000 maps, and a depository collection of U.S. Government publications.

PUBLICATIONS: Research articles in professional journals in the fields of natural resource management, agriculture, and applied sciences.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services.

The Department has access to a CDC 6400 computer and supporting facilities and to numerous diverse research laboratories and equipment on the campus. It also has cooperative agreements with designated land areas on which research is or may be conducted.

Desert Biology Station

1740 University of Arizona
P.O. Box AB
Superior, Ariz. 85273
Tel: (602) 689-2811

The Desert Biology Station is managed cooperatively by the Boyce Thompson Southwestern Arboretum and the University of Arizona.

AREAS OF INTEREST: Plants and animals of the world's arid regions.

HOLDINGS: Specimens of living plants, shrubs, and trees from the arid regions of the world.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

Herbarium

1741 University of Arizona
113 Agricultural Sciences Bldg.
Tucson, Ariz. 85721
Tel: (602) 884-2107

AREAS OF INTEREST: Flora of the Southwestern United States and Northern Mexico, particularly flora of Arizona.

HOLDINGS: 180,000 dried plant specimens.

INFORMATION SERVICES: Provides consulting and reference services; identifies plants; lends material to competent scientists; permits onsite use of collection.

Laboratory of Tree-Ring Research

1742 University of Arizona
Tucson, Ariz. 85721
Tel: (602) 884-2191

AREAS OF INTEREST: All aspects of dendrochronology, including the development of millenia-long tree-ring chronologies and the establishment of precise tree-ring dates; application of derived tree-ring data to archaeology, ecology, geology, hydrology, paleoclimatic reconstruction, and calibration of other dating methods.

HOLDINGS: A specialized reference library in dendrochronology; a collection of 100,000 prehistoric tree-ring specimens, mostly from the Southwest; approximately 25,000 samples from living or recently dead trees from western North America and other parts of the world.

PUBLICATIONS: *Papers of the Laboratory of Tree-Ring Research*, a monographic series issued irregularly; *Tree-Ring Bulletin* published annually in cooperation with the Tree-Ring Society.

INFORMATION SERVICES: Provides consulting services for fee; permits onsite use of specimen collection and library materials.

Office of Arid Lands Studies

1743 University of Arizona
1201 East Speedway Blvd.
Tucson, Ariz. 85719

AREAS OF INTEREST: Arid lands and deserts of the world, with emphasis on physical geography, including vegetation, fauna, meteorology, climatology, geomorphology, soils, coasts, hydrology, and ground water.

HOLDINGS: The Office uses the collections of the University Library.

PUBLICATIONS: *Deserts of the World*; *Arid Lands Research Institutions*; *Arid Lands in Perspective*; abstracts, bibliographies, technical reports, books.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides bibliographic, abstracting and indexing, and current-awareness services. Services are available to qualified arid lands scientists. A fee is charged for extensive services.

University Library

Science Division

1744 University of Arizona Library
Tucson, Ariz. 85721
Tel: (602) 884-1066

AREAS OF INTEREST: All areas of science and technology except anthropology, nursing, and clinical medicine.

HOLDINGS: 160,000 books; 2,700 journals; 2,000 reports; 95,000 Government documents (a depository collection); 158,000 pieces of microform.

PUBLICATIONS: Accessions list (monthly).

INFORMATION SERVICES: Provides reference services; provides duplication services for fee; permits onsite reference (user cards are issued to qualified non-University personnel on request).

UNIVERSITY OF ARKANSAS

Clinical Prescription Laboratory

1745 University of Arkansas Medical Center
4301 West Markham St.
Little Rock, Ark. 72201
Tel: (501) 664-5000 Ext. 103

AREAS OF INTEREST: Pharmacology; pharmaceuticals; toxicology; investigational drugs.

HOLDINGS: Small collection of books, periodicals, and reports. The Laboratory also has access to the collections of the Medical Center Library.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Services are available to physicians, pharmacists, and other members of the health professions.

Department of Entomology

1746 University of Arkansas
Fayetteville, Ark. 72701
Tel: (501) 575-2451

AREAS OF INTEREST: Entomology; solution of insect control problems by biological, cultural, and insecticidal methods; collecting, culturing, and testing insect pathogens for possible use in control procedures; toxicity of insecticides to insects in crops; laboratory testing of toxicity of insecticides to laboratory-reared insects; differences in toxicity of insecticides to plants.

HOLDINGS: Literature on insect toxicology; research data.

PUBLICATIONS: Articles in professional journals, *Arkansas Experiment Station Bulletins*, and *Arkansas Farm Research*.

INFORMATION SERVICES: Answers inquiries; makes referrals; conducts annual short course for pest control operators; distributes information on safe use of insecticides.

Medical Center Library

1747 University of Arkansas
P.O. Box 2381
Little Rock, Ark. 72203

Location:

4301 West Markham St.
Little Rock, Ark.

Tel: (501) 664-5000 Ext. 257

AREAS OF INTEREST: Medicine; pharmacy; nursing; dental hygiene.

HOLDINGS: 18,000 books; 54,000 bound journals; 15,000 pamphlets.

PUBLICATIONS: Accessions list.

INFORMATION SERVICES: Provides reference services, primarily to health sciences personnel in Arkansas; makes interlibrary loans.

Water Resources Research Center

1748 University of Arkansas
Fayetteville, Ark. 72701
Tel: (501) 575-4404

virus movement through soil and its effect on ground water; aquatic ecology; electronic monitoring of water quality; waste disposal; pollution control; mathematical modeling.

INFORMATION SERVICES: Answers brief technical inquiries; makes referrals.

UNIVERSITY OF CALIFORNIA, BERKELEY

Botanical Garden

1749 University of California
Berkeley, Calif. 94720
Tel: (415) 642-3343

AREAS OF INTEREST: Wild plants from all parts of the world, with emphasis on native plants of California, succulents, ferns, and South American plants. Of special interest are plants useful in teaching botany or biology or of research value.

HOLDINGS: Approximately 12,000 varieties of living material, including species and a few hybrids. Significant collections include California natives, economic plants, *Rhododendron* species, cacti and succulents, orchids, ferns, cycads, and insectivorous plants. The Botanical Garden also has photographs and slides of plants, 300 books, and various journals, reprints, pamphlets, maps, and charts.

INFORMATION SERVICES: Answers inquiries; identifies some botanical material; makes referrals; permits onsite use of collections; participates in seed exchange programs with other botanical gardens; conducts public and school educational programs. The Botanical Garden provides a limited service of supplying living materials to other botanical gardens and qualified research programs where material is not available from commercial sources.

California Agricultural Experiment Station

1750 University of California
2200 University Ave.
Berkeley, Calif. 94720
Tel: (415) 642-3235

AREAS OF INTEREST: General agriculture; soil surveys; citrus fruits.

PUBLICATIONS: *California Agriculture* (monthly); *Hilgardia* (irregular); *Giannini Monographs* (irregular); bulletins, circulars, conference proceedings.

referrals; provides consulting services.

Units of the California Agricultural Experiment Station are located at the College of Agricultural Sciences, School of Forestry and Conservation, Berkeley; College of Agricultural and Environmental Sciences, School of Veterinary Medicine, Davis; and College of Biological and Agricultural Sciences, Citrus Research Center, Riverside.

College of Agriculture

Department of Nutritional Sciences

1751 College of Agriculture
University of California
Berkeley, Calif. 94720
Tel: (415) 642-6490

AREAS OF INTEREST: Food science, including nutrition.

HOLDINGS: Small collection of books, periodicals, and reports.

INFORMATION SERVICES: Answers brief inquiries from State residents; provides reference services, primarily for University students and staff; makes referrals.

Department of Plant Pathology

1752 College of Agriculture
University of California
147 Hilgard Ave.
Berkeley, Calif. 94720
Tel: (415) 642-5121

AREAS OF INTEREST: Disciplinary research on fungus, bacterial, and virus diseases of plants; ecology and epidemiology of soil-borne pathogens; plant virology; environmental implications of plant disease control; diseases of forest and wildlife plants.

HOLDINGS: 50,000 reports; small collection of books and periodicals.

PUBLICATIONS: Bulletins, reports, journals, papers.

INFORMATION SERVICES: Answers inquiries; provides consulting services; investigates diseases of agricultural crops with ultimate objective of discovering means of prevention; permits onsite use of literature collection. Services are free to all users.

Division of Biological Control

1753 University of California
1050 San Pablo Ave.
Albany, Calif. 94706
Tel: (415) 642-7191

AREAS OF INTEREST: Biological control of insects; spider mites, and weeds; biology and ecology of entomophagous insects; nutrition and culture of tephritidae and entomophagous insects; systematics of coleoptera, coccinellidae, hymenoptera, mymaridae, trichogrammatidae, and encyrtidae.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Scientific papers in appropriate journals; reports, books.

INFORMATION SERVICES: Answers inquiries; provides consulting services; permits onsite use of collection.

General Library

1754 University of California
Berkeley, Calif. 94720
Tel: (415) 642-2374

AREAS OF INTEREST: The General Library, together with its branch libraries, provides all-inclusive subject coverage.

HOLDINGS: 3,512,891 volumes; 78,665 serial titles currently received; a comprehensive collection of U.S. Government documents, for which the Library is a depository. (These are the total holdings of the General Library, including the holdings of its branch libraries.)

INFORMATION SERVICES: The General Library and its branch libraries answer inquiries, provide reference services, and make interlibrary loans. The collections are accessible to the University community, to faculty of all institutions of higher learning in California, and for a fee to other users. Availability of material for direct loan depends upon the qualifications of the requester and the kind of material asked for. Branch libraries specializing in subjects pertinent to this directory are listed below.

Biology Library

1755 University of California
Life Sciences Bldg.
Berkeley, Calif. 94720
Tel: (415) 642-2531

AREAS OF INTEREST: All aspects of the biological sciences.

HOLDINGS: Over 150,000 books; 3,700 periodical subscriptions.

Entomology Library

1756 University of California
210 Wellman Hall

Berkeley, Calif. 94720
Tel: (415) 642-2030

AREAS OF INTEREST: Entomology; acarology; parasitology.

HOLDINGS: 10,000 books; 300 periodical subscriptions; 17,000 reprints and pamphlets.

Forestry Library

1757 University of California
260 Mulford Hall
Berkeley, Calif. 94720
Tel: (415) 642-2936

AREAS OF INTEREST: Forestry and forest products, especially silviculture, forest economics, forest policy, and forest influences such as soils, watersheds, and microclimatology; range management; photogrammetry; wood chemistry; pulp and paper; wood physics and machining; conservation of natural resources and wildlife.

HOLDINGS: 22,500 books; 2,500 periodical titles; 5,000 reports.

Optometry Library

1758 University of California
215 Optometry Bldg.
Berkeley, Calif. 94720
Tel: (415) 642-1020

AREAS OF INTEREST: Physiological optics; geometrical optics; ophthalmic optics; vision and perception; ophthalmology.

HOLDINGS: 3,400 books; 150 periodical subscriptions.

Public Health Library

1759 University of California
Warren Hall
Berkeley, Calif. 94720
Tel: (415) 642-2511

AREAS OF INTEREST: Public health.

HOLDINGS: 46,000 books; over 1,800 periodical subscriptions.

Insect Disease Diagnostic Service

1760 c/o Gerard M. Thomas
Division of Invertebrate Pathology
University of California
Berkeley, Calif. 94704
Tel: (415) 845-6000 Ext. 4545

AREAS OF INTEREST: Diseases of insects; abnormalities of insects and other invertebrates; diagnosis of insect diseases; diagnostic techniques.

HOLDINGS: Culture collection of Entomophagous bacteria, fungi, viruses, and nematodes; a diagnostic index to all diseases and abnormalities found in insects; data compilations.

PUBLICATIONS: *Instructions for Submitting Specimens*; "Report on Diagnosis of Diseased Insects" (*Hilgardia*, vol. 20 no. 22, May 1951, and vol. 33 no. 9, December 1962).

INFORMATION SERVICES: The Service attempts to diagnose any type of infectious disease of any insect or arachnid. This diagnostic service is provided without charge to anyone who submits specimens of diseased insects. Diagnostic results are reported in detail to the person submitting the specimens. The Service also provides answers to technical inquiries and data or data compilations upon request. Cultures of Entomophagous bacteria, viruses, fungi, and nematodes are supplied.

Lawrence Radiation Laboratory

Donner Laboratory

1761 Bio-Medical Division
Lawrence Radiation Laboratory
University of California
Berkeley, Calif. 94720
Tel: (415) 843-2740 Ext. 6033

AREAS OF INTEREST: Application of physics, chemistry, mathematics, and other basic sciences to biological and medical problems.

HOLDINGS: 7,000 books (exclusive of bound periodicals); 200 periodicals currently received; reports. The Laboratory also uses the collections of the Berkeley and Livermore Lawrence Radiation Laboratory libraries and the University's libraries.

PUBLICATIONS: The Laboratory staff publishes articles in scientific journals, presents papers at scientific meetings, and publishes reports on its research results through the Technical Information Division of the Lawrence Radiation Laboratory.

INFORMATION SERVICES: Answers inquiries in cooperation with the Technical Information Division of the Lawrence Radiation Laboratory; provides reference services; makes referrals; conducts seminars; permits onsite use of the literature collection by arrangement. Services are primarily for the Lawrence Radiation Laboratory and the University community.

Information Integration Group

1762 Bio-Medical Division
Lawrence Radiation Laboratory
University of California
Livermore, Calif. 94550
Tel: (415) 447-1100 Ext. 8351

AREAS OF INTEREST: Implications of radionuclide releases into the biosphere by nuclear explosive devices and other nuclear activities; prediction of distribution within the biosphere and particularly in man subsequent to release; development of counter-measures.

PUBLICATIONS: State-of-the-art reviews, data.

INFORMATION SERVICES: Answers inquiries as workload permits. Services are primarily for Government agencies and their contractors.

Museum of Vertebrate Zoology

1763 University of California
Berkeley, Calif. 94720
Tel: (915) 845-6000 Ext. 3568

AREAS OF INTEREST: Vertebrate zoology, including systematics, morphology, physiology, ecology, and behavior of mammals, birds, reptiles, amphibians, and fish; conservation.

HOLDINGS: 140,628 mammals; 96,307 reptiles and amphibians; 160,602 birds; 13,107 bird eggs and nests; library collection of 2,000 books, 5,000 photos, 3,000 journals, 1,000 slides, technical reports, maps and charts of California and the West, reviews, reprints, and bibliographies.

PUBLICATIONS: Papers in appropriate journals, reports.

INFORMATION SERVICES: Answers inquiries; provides limited consulting services; identifies specimens; makes referrals; permits onsite use of collections. Services are available to qualified researchers and a limited number of other persons.

School of Public Health

Naval Biomedical Research Laboratory

1764 Naval Supply Center
Oakland, Calif. 94625
Tel: (415) 832-5217

The Naval Biomedical Research Laboratory is supported in part by funds from the Office of Naval Research.

AREAS OF INTEREST: Aerobiology and experimental pathology; epidemiology of respiratory disease; medical microbiology.

HOLDINGS: Culture collection of *Neisseria* and selected other organisms; books and technical reports.

PUBLICATIONS: Reports on research results.

INFORMATION SERVICES: Answers document requests; performs bibliographic searches. Services are primarily for Naval Biomedical Research Laboratory personnel, but are also available to others having a legitimate need-to-know.

University Herbarium

1765 Department of Botany
University of California
Berkeley, Calif. 94720
Tel: (415) 642-2465

AREAS OF INTEREST: Taxonomic botany.

HOLDINGS: 1.3 million plant specimens; 12,000 slides; 135,000 Gray Herbarium Index Cards; 25,000 Index Nominum Genericorum Cards; 2,000 books; 9,000 preprints and reprints.

INFORMATION SERVICES: Answers inquiries; identifies plants to limited extent; provides bibliographic and literature-searching services; makes referrals; permits onsite reference to collections by qualified botanists; lends specimens on an institutional, rather than an individual, basis, the borrowing institution assuming responsibility for the material. Extensive consultation by business concerns may be subject to a fee.

UNIVERSITY OF CALIFORNIA, DAVIS

Department of Botany

1766 University of California
Davis, Calif. 95616
Tel: (916) 752-0617

AREAS OF INTEREST: All major aspects of botany, including taxonomy, paleobotany, morphology, physiology, and chemical weed control.

HOLDINGS: Herbarium collection; small collection of books.

INFORMATION SERVICES: Answers inquiries; provides consulting services; permits onsite use of collections.

Department of Soils and Plant Nutrition

1767 University of California
139 Hoagland Hall
Davis, Calif. 95616

Tel: (916) 752-1406

AREAS OF INTEREST: Soil chemistry; soil physics; soil microbiology; plant physiology; soil survey.

HOLDINGS: Soil surveys and maps of all areas of California that have been surveyed; small collection of books, periodicals, and reports.

PUBLICATIONS: Soil surveys; articles in professional journals by staff members.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; makes referrals; permits onsite use of collections; performs soil analyses (most analyses for California residents are performed free on the recommendation of their local Farm Advisor).

Department of Water Science and Engineering

1768 University of California
Davis, Calif. 95616
Tel: (916) 752-0453

AREAS OF INTEREST: Water development and distribution (hydrologic and meteorological analysis, watershed management, and hydraulic engineering applied to improvement of the supply and distribution of water); water quality and pollution (chemical, physical, and biological processes that determine water quality, and its improvement for a livable environment for man, animals, and plants); water utilization and management (use and management of water in agricultural production and environmental control, including drainage and disposal of non-reusable water).

HOLDINGS: 2,000 books and periodicals.

PUBLICATIONS: Bulletins, circulars, Hilgardia, California Agriculture, series; Water Science and Engineering and Water Resources Center series; papers.

INFORMATION SERVICES: Answers inquiries; makes materials available on request. Individual staff members may provide consulting services.

The Department maintains a soil preparation laboratory, water quality laboratories, soil physics laboratory, hydraulics laboratory, irrigation management laboratory, soil-water-plant relations laboratory, greenhouse, 80-acre field research area, and a micrometeorology station.

Food Protection and Toxicology Center

Documentation and Information Service

Davis, Calif. 92616
Tel: (916) 752-1142

The Documentation and Information Service is sponsored, in part, by the National Institutes of Health.

AREAS OF INTEREST: Food poisoning; food additives; pesticides; naturally occurring toxins; pollution.

HOLDINGS: 1,000 books; 150 periodical titles; reports.

PUBLICATIONS: Annual report.

INFORMATION SERVICES: Answers brief inquiries free; provides consulting, reference, literature-searching, abstracting, translation, and duplication services for fee; makes referrals; makes interlibrary loans.

University Arboretum

1770 University of California
Davis, Calif. 95616
Tel: (916) 752-2498

AREAS OF INTEREST: California native plants; botany.

HOLDINGS: 2,000 plant specimens, including California native plants and limited collection of Australian plants.

PUBLICATIONS: *Index Seminum* (annual); periodical articles.

INFORMATION SERVICES: Answers inquiries; identifies specimens by prior arrangement; makes referrals; permits onsite use of collection. Services are primarily for professional botanists.

UNIVERSITY OF CALIFORNIA, IRVINE

Department of Population and Environmental Biology

Museum of Systematic Biology

1771 Department of Population and
Environmental Biology
University of California
Irvine, Calif. 92664
Tel: (714) 833-6031

AREAS OF INTEREST: Biota of Southern California (especially of Orange County), Sonora and Baja California, Mexico, Southern Nevada, and Arizona.

HOLDINGS: Biological specimens; small collection of books and reports.

PUBLICATIONS: *Research Series* (3 volumes, irregular).

collection.

Medical Sciences Library

1772 University of California
Irvine, Calif. 92664
Tel: (714) 833-7336

AREAS OF INTEREST: Health sciences.

HOLDINGS: Over 60,000 volumes and 1,700 current periodicals in the health sciences, including *Bibliotheca Neurologica Courville*, a 10,000-volume collection in neuropathology and nervous diseases.

INFORMATION SERVICES: Provides reference services; makes interlibrary loans.

UNIVERSITY OF CALIFORNIA, LOS ANGELES

Biomedical Library

1773 Center for the Health Sciences
University of California
Los Angeles, Calif. 90024
Tel: (213) 825-5781

AREAS OF INTEREST: Basic medical sciences, including anatomy, physiology, and biochemistry; clinical medicine; public health; nursing; dentistry; basic brain sciences; pharmacology; history of medicine; botany; zoology; microbiology; toxicology.

HOLDINGS: 260,000 volumes; 6,600 current journals; 1,000 reports. The Library provides the basic collection used by the Pacific Southwest Regional Medical Library Service, which serves health science institutions and personnel in Arizona, California, Hawaii, and Nevada.

PUBLICATIONS: Bibliographies, critical reviews, accessions list, serial holdings list.

INFORMATION SERVICES: Provides reference services; provides duplication services for fee; makes interlibrary loans; permits onsite use of collection by the public. Services are primarily for faculty and students of the University of California, Los Angeles and scientists and medical personnel in the Los Angeles area.

The UCLA Brain Information Service, which provides information in the basic brain sciences to aid investigators and teachers in the field, is a cooperative effort of the Biomedical Library and the Brain Research Institute.

1774 Botanical Garden and Herbarium

1774 University of California
124 Botany Bldg.
Los Angeles, Calif. 90024
Tel: (213) 825-3620

AREAS OF INTEREST: Botany.

HOLDINGS: 306,000 herbarium specimens; 5,000 living plant specimens; 15,600 slides.

INFORMATION SERVICES: Answers inquiries; lends herbarium specimens and slides; identifies plants; makes referrals.

Department of Zoology

1775 University of California
405 Hilgard Ave.
Los Angeles, Calif. 90024
Tel: (213) 825-3481

AREAS OF INTEREST: Animal behavior; cell biology; comparative physiology; developmental biology and embryology; cytology; electron microscopy and ultrastructure; endocrinology; entomology; general physiology; genetics; ichthyology; insect physiology; invertebrate zoology; mammalogy; molecular biology; neuroanatomy; neurophysiology and sense organ physiology; ornithology; parasitology and physiology of parasitism; physiological ecology; population and community ecology; protozoology and protozoan physiology; radiation biology; vertebrate paleontology and vertebrate morphology; vertebrate physiology.

HOLDINGS: Research collections of birds, mammals, fishes, and paleontological specimens; 25,000 reports; small collection of books and periodicals.

INFORMATION SERVICES: Answers inquiries; provides consulting services on negotiated fee basis; permits use of research collections by qualified persons.

Division of Laboratory Animal Medicine

1776 Center for the Health Sciences
University of California
Los Angeles, Calif. 90024
Tel: (213) 825-5691

AREAS OF INTEREST: Laboratory animal medicine; design and construction of experimental animal facilities; procurement and care of laboratory animals and their use for teaching and research; veterinary pathology; use of gerbils in research.

PUBLICATIONS: *Selected Bibliography on Laboratory Animal Medicine*; *Selected Bibliography on Gerbilineae*.

INFORMATION SERVICES: Answers inquiries; provides consulting services; disseminates bibliographies free. Services are available only to qualified scientists.

Health Sciences Computing Facility

1777 University of California
Center for the Health Sciences, Room AV-111
Los Angeles, Calif. 90024
Tel: (213) 825-5697

AREAS OF INTEREST: Statistical and modeling computer programs in medical and biological research.

HOLDINGS: Three computer program libraries: BMD Biomedical Computer Programs, BMDX Biomedical Programs, and BMDP Biomedical Computer Programs.

PUBLICATIONS: *BMD Biomedical Computer Programs Manual* and *BMDX Biomedical Computer Program X-series Supplement* (available from University of California Press, 2223 Fulton St., Berkeley, Calif. 94720); *Annual Reports* (limited availability; from Health Sciences Computing Facility).

INFORMATION SERVICES: Provides consulting services to biological and medical researchers for fee; furnishes tape copies of computer program library to general public for service charge.

School of Medicine

Brain Information Service

1778 University of California School of Medicine
Los Angeles, Calif. 90024
Tel: (213) 825-6577

Sponsored by the National Institute of Neurological Diseases and Stroke of the National Institutes of Health, the Brain Information Service's mission is to establish and maintain a national data bank of information on the brain sciences and to disseminate this information to the scientific community.

AREAS OF INTEREST: Neuroanatomy; neurophysiology; neuroendocrinology; neurochemistry; neuropharmacology. (Excludes diagnosis and treatment of neurological diseases.)

HOLDINGS: Computer-based data bank of bibliographic citations.

PUBLICATIONS: *Index to Current Literature* (published quarterly as a supplement to the journal

gy), three commoner, *Sanctus: Sleep Dementia, Neuroendocrine Control Mechanism: Hypothalamic-Pituitary-Gonadal System, and Biogenic Amines and Neurotransmitters in the Nervous System*; workshop proceedings; series of authoritative reviews of limited but cohesive areas of neurological science maintained in up-to-date form by amendment of the text in response to new research findings.

INFORMATION SERVICES: With the aid of an automated storage and retrieval system, the Service provides bibliographies on demand to scientists across the country. The bibliographies are compiled by information specialists with both library and subject background who edit citations from the output of the computer search and augment them with a manual search where necessary. The input of current citations is assembled from a core of the most actively used neurological journals directly on publication, from the monthly magnetic tapes of the National Library of Medicine's Medical Literature Analysis and Retrieval System (MEDLARS), and from biological publications not included in MEDLARS. Services are available to all suitably accredited investigators and teachers in the basic neurological sciences.

UNIVERSITY OF CALIFORNIA, RIVERSIDE

Bioagricultural Library

1779 University of California
Riverside, Calif. 92502
Tel: (714) 787-3236 or 787-3701

AREAS OF INTEREST: Life sciences, including agriculture, biology, botany, forestry, entomology, agronomy, soils, vegetable crops, pathology, biochemistry, microbiology, zoology, and veterinary medicine; health sciences, including industrial, occupational, and environmental health, biological and chemical control of insects and insect-caused diseases, air and water pollution, cardiac, pulmonary, and hematological diseases, cancer, physiological psychology, pharmacology, and toxicology; arid lands research in biology and agriculture; data processing, including information storage and retrieval and time-sharing.

HOLDINGS: 78,000 books and bound periodicals; 3,600 current serial titles; 9,160 indexed pamphlets, reprints, and patents.

reference services, primarily to University students and staff; provides duplication services for fee; makes interlibrary loans; permits onsite use of collection.

Department of Biological Control

1780 University of California
Riverside, Calif. 92502
Tel: (714) 787-5704

AREAS OF INTEREST: Biological control of insect pests and weeds.

HOLDINGS: Extensive collection of parasitic hymenoptera and other beneficial insects; 10,000 reports; small collection of books and periodicals.

PUBLICATIONS: Occasional research reports by staff.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Services are primarily for other research workers on biological control problems and are provided free.

Department of Plant Sciences

1781 University of California
Riverside, Calif. 92502
Tel: (714) 787-4413

AREAS OF INTEREST: Plant science; citrus and other subtropical fruit crops, vegetable crops, turf, some ornamentals, and agronomic crops; basic physiology, genetics and plant breeding, and tissue culture.

HOLDINGS: Extensive collection of citrus varieties, species, and related genera.

PUBLICATIONS: Reprints of research articles.

INFORMATION SERVICES: Answers inquiries; makes referrals. Services are primarily for research personnel.

Department of Soil Science and Agricultural Engineering

1782 University of California
Riverside, Calif. 92502
Tel: (714) 787-5103

AREAS OF INTEREST: Chemistry of the soil; soil morphology, genesis, and classification; plant nutrition; soil aeration; irrigation principles and practices; soil water repellency; soil microbiology and biochemistry; soil and water pollution; animal waste disposal; water quality and waste water treatment; pesticide residues; mechanical harvesting.

HOLDINGS: 500 books; 25 periodical titles; 1,000 reports; reprints of popular and technical reports on soils and plant nutrition (available on request).

INFORMATION SERVICES: Answers inquiries; provides consulting services; permits onsite use of collection. Services are free to nonprofit organizations and at cost by prior arrangement to others.

Phillip L. Boyd Deep Canyon Desert Research Center

1783 Department of Biology
University of California
Riverside, Calif. 92502
Tel: (714) 787-5904

AREAS OF INTEREST: Biology of desert organisms.

HOLDINGS: Synoptic biological collections; small collection of books, periodicals, and reports.

PUBLICATIONS: Annual report with lists of research projects initiated, continuing, and completed at the Center.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Services are available to qualified researchers and teachers and are provided free to users within the State of California (non-California users are charged a fee for some services).

The Center is located on a 10,000-acre preserve at the base of the Santa Rosa-San Jacinto Mountains about 75 miles from the Riverside Campus of the University. Facilities at the Center include two laboratories and holding pens for reptiles and small mammals.

Statewide Air Pollution Research Center

1784 University of California
Riverside, Calif. 92502
Tel: (714) 787-5123

AREAS OF INTEREST: Air pollution, including sources, standards and criteria, measurement methods, and control methods; photochemistry; aerosol technology; atmospheric interaction; effects of air pollution on plants, animals, and humans; social, economic, legal, and administrative aspects of air pollution.

HOLDINGS: 15,000 technical air pollution articles on microfilm.

PUBLICATIONS: *California Air Environment* (quarterly); technical articles, papers, and reports on air pollution topics.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides reprints of technical articles by staff members free; permits free access to microfilm library; duplicates articles from microfilm for fee; performs analysis of atmospheric samples for fee.

Statistics Department

Biometric Project

1785 Statistics Department
University of California
Riverside, Calif. 92502
Tel: (714) 787-3774

AREAS OF INTEREST: Agronomy, biochemistry, biological control, entomology, horticultural science, nematology, plant pathology, soils and plant nutrition, and vegetable crops; statistical design and analysis.

HOLDINGS: Collection of books and reprints.

INFORMATION SERVICES: Answers inquiries; provides consulting services and short lists of literature citations in response to specific inquiries; prepares analyses; permits onsite use of collection.

UNIVERSITY OF CALIFORNIA, SAN DIEGO

Scripps Institution of Oceanography

Benthic Invertebrate Collection

1786 Scripps Institution of Oceanography
Aquarium Museum
8602 La Jolla Shores Dr.
La Jolla, Calif. 92037
Tel: (714) 453-2000 Ext. 2397

AREAS OF INTEREST: Benthic invertebrates.

HOLDINGS: Approximately 15,000 specimens from sorted samples, many identified and cataloged. Included are many intertidal and offshore invertebrates. Most dredge samples were collected by oceanographic expeditions in the North Pacific Ocean between San Diego, California and Panama. Basins of the continental borderland and the abyssal plain were most frequently dredged. Among the varied collecting apparatus used are otter trawls, grabs, and sleds. Current emphasis is on deep sea specimens.

INFORMATION SERVICES: Qualified persons may arrange to have access to the Collection. Material is

are available.

Marine Vertebrate Collection

1787 Scripps Institution of Oceanography
P.O. Box 109
La Jolla, Calif. 92037

Location:

8602 La Jolla Shores Dr.
La Jolla, Calif.

Tel: (714) 453-2000 Ext. 1559

AREAS OF INTEREST: Pelagic and bathypelagic fishes from the world's oceans; shore fishes, primarily of California and the eastern tropical Pacific.

HOLDINGS: Specimen collection of 2,000 species of fish.

INFORMATION SERVICES: Specimens are available on loan or, under some circumstances, as a gift to recognized scientists and research institutions. Consulting services are provided.

Zooplankton Invertebrate Collection

1788 Scripps Institution of Oceanography
P.O. Box 109
La Jolla, Calif. 92037

Location:

Ritter Hall, Room 230
La Jolla, Calif.

Tel: (714) 453-2000 Ext. 1131

AREAS OF INTEREST: Marine invertebrate zooplankton accumulated in support of studies on systematic zoology; marine biogeography; horizontal, vertical, and temporal examination of zooplankton distribution; secondary production, etc.

HOLDINGS: There are three primary categories of unsorted zooplankton samples: (1) About 45,000 samples taken with standard 1-meter nets towed obliquely from 200 meters depth or less to the surface by oceanographic expeditions in the Pacific and Indian Oceans and by systematic cruises carried out at regular time intervals in the California Current region since 1949; (2) about 2,000 sets of vertically stratified plankton samples taken with various opening-closing nets, usually from the uppermost 600 meters and mostly from Pacific Ocean localities; and (3) about 850 Isaacs-Kidd midwater trawl samples, mostly from Pacific Ocean localities.

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INFORMATION SERVICES: Qualified persons may arrange to have access to the Collection. Material is provided on loan or, under appropriate circumstances, as a gift to institutions. Consulting services are available.

University Libraries

Biomedical Library

1789 University of California
P.O. Box 2368
La Jolla, Calif. 92037
Tel: (714) 453-2000 Ext. 1977

AREAS OF INTEREST: Medicine; molecular biology; neurosciences; genetics; cardiopulmonary physiology.

HOLDINGS: 81,000 volumes; 3,050 serials.

INFORMATION SERVICES: Provides duplication services; prepares MEDLARS search requests; makes interlibrary loans; permits onsite use of collection.

Scripps Institution of Oceanography Library

1790 P.O. Box 109
La Jolla, Calif. 92037
Tel: (714) 453-2000 Ext. 1982

AREAS OF INTEREST: Oceanography; marine biology; underseas technology; geology; geophysics.

HOLDINGS: 60,000 volumes; 3,500 serials.

INFORMATION SERVICES: Makes interlibrary loans; provides duplication services; permits onsite reference.

Visibility Laboratory

1791 University of California
Scripps Field Annex, Building 348
San Diego, Calif. 92152
Tel: (714) 453-2000 Ext. 302

AREAS OF INTEREST: Atmospheric optics; hydrologic optics; photometry and radiometry; visual psychophysics; visibility calculations; image processing.

HOLDINGS: Technical reports.

PUBLICATIONS: Technical papers and reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Services are available to anyone having adequate and reasonable need, and are free, unless extensive.

UNIVERSITY OF CALIFORNIA, SAN FRANCISCO

Department of Pharmacology

Toxicology Activity

- 1792** Department of Pharmacology
University of California Medical Center
3d and Parnassus Aves.
San Francisco, Calif. 94122
Tel: (415) 666-2396

AREAS OF INTEREST: Clinical toxicology; forensic toxicology; industrial toxicology; analytical methods; environmental toxicity; air pollution; occupational medicine; drug abuse.

HOLDINGS: Collection of books, periodicals, and reports.

PUBLICATIONS: Reports, reviews.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and literature-searching services. Fees are charged for extensive services.

Division of Dermatology

- 1793** University of California Medical Center
3d and Parnassus Aves.
San Francisco, Calif. 94122
Tel: (415) 666-2545

AREAS OF INTEREST: Dermatology and human toxicology of new drugs; topical and systematic toxicity; irritants; sensitizers; skin carcinogens; radioactivity; skin tests; chemical analysis; scintillation counting; electron microscopy; fluorescence microscopy; allergy; Granulomas; dermatitis; in vitro tests; tissue culture; microbiology.

HOLDINGS: Collection of chemicals that are irritating to skin; colony of hairless mice; melanoma cell line; small collection of books, periodicals, and reports.

PUBLICATIONS: Articles in scientific journals (30-40 per year); reports, abstracts, indexes, books.

INFORMATION SERVICES: Answers inquiries; provides reference services; provides consulting services, usually on contract basis.

Electroencephalography / Electromyography Laboratory

- 1794** University of California Medical Center
3d and Parnassus Aves.
San Francisco, Calif. 94122
Tel: (415) 666-1986

AREAS OF INTEREST: Electroencephalography; electromyography.

INFORMATION SERVICES: Answers inquiries; makes referrals; furnishes location of hard-to-find bibliographic materials on occasion.

Francis I. Proctor Foundation for Research in Ophthalmology

- 1795** University of California Medical Center
3d and Parnassus Aves.
San Francisco, Calif. 94122
Tel: (415) 666-1441

AREAS OF INTEREST: Ophthalmology; trachoma; uveitis; toxoplasmosis; external diseases of the eye.

PUBLICATIONS: Newsletter, bibliographies.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Services are primarily for scientists.

George Williams Hooper Foundation

- 1796** University of California
San Francisco, Calif. 94122
Tel: (415) 666-1375

AREAS OF INTEREST: Research on human adaptation, with special reference to parasitic and infectious disease, to sociocultural aspects of health, and to comparative studies of health care delivery and preventive medicine. The Foundation and the Department of International Health, including the University of California ICMRT program (International Center for Medical Research and Training, with a base in Malaysia and a field station in Mexico) share the following groups of activities: (1) Virology-Microbiology: Arbovirus Research Laboratory (ICMRT) and Chlamydia-(Bedsonia)-TRIC Agent Laboratory; (2) Parasitology and Medical Entomology (including Acarology); (3) Clinical Tropical Medicine and Nutrition; (4) Medical Genetics: Blood Genetics and Hematology (ICMRT); Population Genetics; (5) Human Ecology and Medical Anthropology; and (6) Transcultural Psychiatry.

HOLDINGS: 1,300 books; 15 journal subscriptions; 300 reports.

Technical Reports.
INFORMATION SERVICES: Provides consulting and reference services; makes interlibrary loans through the University of California Medical Center Library.

Medical Center Library

1797 University of California
257 Medical Sciences Bldg.
San Francisco, Calif. 94122
Tel: (415) 666-2334

AREAS OF INTEREST: Medical and health sciences, including pharmacy, nursing, dentistry, history of medicine, Oriental medicine, medical Californiana, homeopathy, Osler, medical bibliography, and foreign medical theses.

HOLDINGS: 338,795 bound volumes; 3,898 current serial titles.

INFORMATION SERVICES: Provides reference and bibliographic consulting services; makes referrals; makes interlibrary loans. Services are primarily for UCSF staff, registered students, licensed health personnel, and scientists engaged in research and study of health and related fields. By special arrangement the collection may be used for onsite reference by persons engaged in work in the health sciences.

UNIVERSITY OF CALIFORNIA, SANTA BARBARA

Institute of Environmental Stress

1798 University of California
Santa Barbara, Calif. 93106
Tel: (805) 961-2361, 961-2362, 961-2350,
or 961-2179

AREAS OF INTEREST: Aging; environmental control; responses to heat, cold, altitude, and underwater physiology; neonatal physiology; central nervous system; biomedical engineering.

PUBLICATIONS: Articles in scientific journals, reprints.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and literature-searching services; provides special research facilities. Some services are free, others are provided at cost, depending on their uses.

Oil Spill Information Center

1799 University of California
Sciences-Engineering Library

AREAS OF INTEREST: Documentation of the literature relating to all offshore oil pollution phenomena, with an emphasis on the following areas of study: oil spillage in all its forms; research and development of physical and chemical oil spill control materials, equipment, and techniques; offshore drilling operation and leases involving actual or potential oil pollution; effects and consequences of oil pollution on the marine environment; and legislation and legal aspects of marine oil pollution.

HOLDINGS: A collection of over 10,000 indexed monographs, technical reports, symposia and conference proceedings, Government publications, and newspaper and journal articles; nonprinted materials, including aerial photographs, maps, slides, and videotapes.

PUBLICATIONS: Author-subject-title index to the collection (updated periodically); special bibliographies.

INFORMATION SERVICES: Answers inquiries and provides reference services to all users free of charge; provides duplication services for fee (advance payment required); makes referrals to experts in specialized fields of study; prepares special search bibliographies; permits onsite use of research collection.

UNIVERSITY OF CHICAGO

Argonne Cancer Research Hospital

1800 University of Chicago
950 East 59th St.
Chicago, Ill. 60637
Tel: (312) 947-5001

AREAS OF INTEREST: Exploitation of high energy sources of radiation for the diagnosis and treatment of malignancies; study of the biological effects of radiation; use of radioisotopes as tracers in the study of normal and disease states and in the diagnosis and therapy of disease.

HOLDINGS: Reports.

PUBLICATIONS: *ACRH Semi-Annual Report to the AEC.*

INFORMATION SERVICES: Answers inquiries when addressed to the Director.

School of Medicine

Carlson Animal Research Facility

1801

1801 School of Medicine
University of Chicago
950 East 59th St.
Chicago, Ill. 60637
Tel: (312) 947-6541

AREAS OF INTEREST: Radiobiology; radioactivity in food chain; toxic (pathological) effects of drugs and food additives; radioactive waste management (ecological aspects).

HOLDINGS: Small collection of books.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Services are provided free to all governmental and charitable institutions and at cost to profitmaking organizations.

Toxicity Laboratory

1802 University of Chicago
930 East 58th St.
Chicago, Ill. 60637
Tel: (312) 493-2929

The research activities of the Laboratory are sponsored, in part, by the U.S. Public Health Service and the Department of the Army.

AREAS OF INTEREST: Pesticide toxicity; radiation toxicity; interactions of pesticides, industrial solvents, drugs, etc. in animals; biochemical mode of toxic action of pesticides; metabolism of pesticides; mechanism of toxic action of environmental chemicals and drugs.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Articles in scientific journals.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services (limited largely to data generated in this Laboratory); makes referrals.

UNIVERSITY OF CINCINNATI

Botany Herbarium

1803 Department of Biological Sciences
University of Cincinnati
1601 Crosley Tower
Cincinnati, Ohio 45221
Tel: (513) 475-3839

AREAS OF INTEREST: Plants of the Cincinnati area, including distribution and taxonomy; Cladonia in Ohio and Kentucky; Hepaticae of South America; lichens of eastern North America; flowering plants; ferns; bryophytes; fungi; algae.

UNIVERSITY OF CHICAGO

HOLDINGS: Over 103,500 plant specimens, including the very old flowering plant collection of the Lloyd Library and Museum, on indefinite loan to the Herbarium.

INFORMATION SERVICES: Makes limited loans; permits onsite use of collection. Permission of the Curator is required for all services.

Department of Environmental Health

1804 University of Cincinnati College of Medicine
Cincinnati, Ohio 45219
Tel: (513) 872-5772

AREAS OF INTEREST: Environmental health, including sanitary engineering and community planning; occupational medicine and hygiene; physiology and toxicology of chemical agents and trace elements (pesticides, herbicides, food additives, radioactive substances, fluorides, lead); carcinogens; teratogenic agents; clinical toxicology; air and water pollution; analytical methods.

HOLDINGS: 4,000 books; 280 periodical titles; technical reports; extensive files of reprints, photocopies, microfilms, and translations.

PUBLICATIONS: *Fluoride Abstracts* (irregular); "The Kettering" *Abstracts: The Biological and Related Aspects of Lead and Its Compounds* (quarterly); reviews.

INFORMATION SERVICES: Provides consulting, literature-searching, and translating services at cost; disseminates publications to libraries and professional personnel free or at nominal charge; makes inter-library loans.

Facilities include a microfiche reader-printer and Xerox machine.

Department of Pathology

1805 University of Cincinnati College of Medicine
Cincinnati General Hospital
Cincinnati, Ohio 45229
Tel: (513) 872-4543 or 872-4544

AREAS OF INTEREST: Pathology (necropsy and surgical); experimental pathology.

HOLDINGS: 29,700 necropsy records; 500 books; 50 periodical titles.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

Tanners Council Research Laboratory

1806 University of Cincinnati Campus Station
Cincinnati, Ohio 45221
Tel: (513) 281-8501

AREAS OF INTEREST: Leather chemistry and technology; interdisciplinary studies on skins and hides.

HOLDINGS: Books.

PUBLICATIONS: *Reports and Papers of the Laboratory* (9 vols., 1924-1965).

INFORMATION SERVICES: Answers inquiries on skin, hide, and leather; identifies skin or hide source of leathers and cause of defects in skin, hide, and leather.

UNIVERSITY OF COLORADO

Biological Sciences Curriculum Study

1807 University of Colorado
P.O. Box 930
Boulder, Colo. 80302

Location:

8383 South Boulder Rd.
Boulder, Colo.
Tel: (303) 666-6558

The Biological Sciences Curriculum Study is sponsored primarily by the National Science Foundation, but it also receives funds from other Government agencies and private foundations.

AREAS OF INTEREST: Improvement of biological education at all levels, but chiefly at the secondary school level.

PUBLICATIONS: *BSCS Newsletter* (irregular, available free); biology textbooks, research projects, laboratory materials, motion pictures, and teacher aids.

INFORMATION SERVICES: Prepares teaching materials; answers inquiries regarding the program.

Institute of Arctic and Alpine Research (INSTAAR)

1808 University of Colorado
Boulder, Colo. 80302
Tel: (303) 443-2211 Ext. 6387

AREAS OF INTEREST: Environmental processes in arctic and alpine regions; alpine and arctic geomorphology, glaciology, glacial geology, ecology, biology, palynology, dendrochronology, climatology, permafrost, anthropology, and archeology; Colorado Rocky Mountains, with particular emphasis on Front Range, Baffin Island, Labrador-Ungava, and northern Keewatin.

HOLDINGS: Over 800 books; 25 periodicals; 1,000 pamphlets; 100 maps; reprints, papers.

PUBLICATIONS: *Arctic and Alpine Research* (quarterly).

INFORMATION SERVICES: Answers inquiries; makes referrals.

Facilities include palynology and geomorphology laboratories on the Boulder campus, an alpine laboratory with visiting researcher accommodations and specialized vehicles at the Mountain Research Station situated at 9,600 feet on east slope of Front Range 25 miles west of Boulder, and four climatological stations maintained at 7,200, 8,500, 10,000, and 12,300 feet since 1952.

Medical Center

Charles Denison Memorial Library

1809 University of Colorado Medical Center
4200 East 9th Ave.
Denver, Colo. 80220
Tel: (303) 394-7469

AREAS OF INTEREST: Medicine; nursing; dentistry; biomedical sciences; pharmacology; psychiatry; psychology; history of medicine.

HOLDINGS: Over 100,000 volumes; 2,007 current periodical titles.

PUBLICATIONS: Monthly newsletter.

INFORMATION SERVICES: Answers inquiries; provides reference and duplication services; makes direct and interlibrary loans; permits onsite use of collection. Services are primarily for health personnel of Colorado, but are extended to others when possible.

Tree-Ring Research Laboratory

1810 c/o Dr. Waldo Glock
Institute of Arctic and Alpine Research
PSRB No. 1
University of Colorado
Boulder, Colo. 80302
Tel: (303) 443-2211 Ext. 6387

AREAS OF INTEREST: Microscopic and macroscopic study of tree rings and related instrumentation; correlation of rainfall and soil moisture with age of trees and tree-ring growth.

HOLDINGS: Serial collections of some 1,500 increment cores from over 500 trees, measurements of which are being put on data processing cards; a cross-referenced card index to approximately 10,000 references on tree growth, tree rings, and paleoclimatology; a photographic library of more than 1,000 entries illustrating growth-layer patterns and plant anatomy; technical reports, journals.

PUBLICATIONS: Research results are published in books and professional journals. A list of the Laboratory's publications is available on request.

1811

INFORMATION SERVICES: Permits onsite use of collections by qualified researchers.

University Libraries

Science and Technology Libraries (Boulder Campus)

1811 University of Colorado Libraries
Boulder, Colo. 80302
Tel: (303) 443-2211 Ext. 7258 (Main
Science Library)

AREAS OF INTEREST: General science; mathematics; physics; astrophysics; engineering; chemistry; earth sciences; life sciences; pharmacy; psychology.

HOLDINGS: 175,000 books; 2,200 journal titles; 50,000 map sheets; Government reports (held in Government Document Division, Norlin Library); special collection on historical metallurgy (held in Rare Books Room, Norlin Library).

INFORMATION SERVICES: Provides duplication services for fee; makes interlibrary loans, except of journals and maps; permits onsite reference.

University Museum

1812 University of Colorado
Broadway between 15th and 16th Sts.
Boulder, Colo. 80302
Tel: (303) 443-2211 Ext. 6165

AREAS OF INTEREST: Natural history of Colorado and the Rocky Mountain region; North American Indian cultures, particularly those of the prehistoric Southwest and the Rocky Mountain region; mineralogy; geology; paleontology; botany; zoology; anthropology; ethnography; archeology, especially of the southwestern United States; history; art; academic courses in museology; training in museum techniques.

HOLDINGS: 1.5 million specimens, including fossils, minerals, rocks, shells, sea animals, insects, fishes, amphibians, reptiles, birds, mammals, plants, pottery, paintings, and sculpture; a library of books, journals, reports, films, photos, maps, and charts.

PUBLICATIONS: Leaflets, pamphlets, guides.

INFORMATION SERVICES: Answers inquiries; provides reference and consulting services to students and researchers; lends materials to other institutions; permits onsite reference.

UNIVERSITY OF COLORADO

UNIVERSITY OF CONNECTICUT

Department of Animal Diseases

1813 University of Connecticut
Box U-89
Storrs, Conn. 06268
Tel: (203) 429-3311 Ext. 1584

AREAS OF INTEREST: Comparative pathology; biochemistry; microbiology.

HOLDINGS: Small collection of books.

PUBLICATIONS: Scientific papers in appropriate journals; reports; books.

INFORMATION SERVICES: Answers inquiries; provides consulting services; furnishes laboratory analyses for fee. Services are primarily for veterinary practitioners.

Health Center

Lyman Maynard Stowe Library

1814 Health Center
University of Connecticut
1000 Asylum Ave.
Hartford, Conn. 06105
Tel: (203) 278-8976

AREAS OF INTEREST: Medicine; dentistry; nursing.

HOLDINGS: 70,000 volumes; 3,000 periodical titles; reports.

INFORMATION SERVICES: Answers inquiries; provides reference, literature-searching, translation, and duplication services; makes referrals; makes interlibrary loans; permits onsite use of collection.

Plant Science Department

1815 University of Connecticut
Storrs, Conn. 06268
Tel: (203) 429-3311

AREAS OF INTEREST: Plant ecology and management (ornamental trees and shrubs, Christmas trees, greenhouse plants, annual transplants, vegetables, fruit, forage, weeds); plant breeding (polyploidy, radiation-induced mutation in carnations; delphinium hybridization); plant nutrition (ion penetration and translocation, water relations); wildlife ecology (cottontail rabbit, white-tailed deer); fish ecology and ichthyology; climatology; environmental design (community beautification); forest recreation; soils (fertility, aeration, chemistry, microbiology).

HOLDINGS: Definitive collection of Connecticut freshwater fish.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; permits onsite use of collection.

School of Dental Medicine

1816 University of Connecticut
690 Asylum Ave., Hartford Plaza
Hartford, Conn. 06105
Tel: (203) 278-7720

AREAS OF INTEREST: Dentistry; basic medical sciences, including anatomy, physiology, biochemistry, pharmacology, pathology, molecular biology, biomathematics, and bacteriology.

HOLDINGS: 50,000 books; 1,000 periodical titles; reports.

PUBLICATIONS: Reports, directories, bibliographies.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes interlibrary loans.

School of Pharmacy

1817 University of Connecticut
Storrs, Conn. 06268
Tel: (203) 429-3311 Ext. 473

AREAS OF INTEREST: Pharmacy, including pharmacology, pharmacognosy, pharmaceuticals, and medicinal chemistry; biochemistry; botany.

HOLDINGS: 11,500 books and bound journals; 194 periodical subscriptions.

INFORMATION SERVICES: Provides reference services; makes interlibrary loans; makes direct loans to members of the community.

Storrs Agricultural Experiment Station

1818 Storrs, Conn. 06268
Tel: (203) 429-3111 Ext. 474

AREAS OF INTEREST: Agricultural policy, marketing, and engineering; veterinary pathology; animal diseases, genetics, and husbandry; chemistry of dairy products; dairy technology; animal nutrition; human nutrition; home economics; plant genetics; agronomy; pomology; olericulture; ornamental horticulture; soil biophysics and chemistry; plant nutrition; climatology; wildlife management; poultry nutrition, genetics, physiology, and products; rural sociology; farm management; fresh water fishes; biochemistry of pesticides; agricultural labor; waste disposal; pollution control; environmental studies; developmen-

tal genetics; reproductive physiology; gerontology; forest recreation; limnology; demography; suburbanization.

PUBLICATIONS: *Milestones* (quarterly); research reports, bulletins, monographs.

INFORMATION SERVICES: Answers inquiries; makes referrals.

UNIVERSITY OF DELAWARE

Agricultural Library

1819 University of Delaware
Agriculture Hall
Newark, Del. 19711
Tel: (302) 738-2530

AREAS OF INTEREST: Agriculture in general, including agricultural biochemistry, food technology, agricultural economics, agronomy, agricultural engineering, animal and poultry science, entomology, horticulture, plant pathology, and agricultural education and extension work.

HOLDINGS: 10,000 books; 300 periodical titles; Delaware Agricultural Experiment Station publications; U.S. Department of Agriculture publications.

PUBLICATIONS: Technical reports.

INFORMATION SERVICES: Makes interlibrary loans; permits onsite reference.

College of Agricultural Sciences

1820 University of Delaware
Agricultural Station
Newark, Del. 19711
Tel: (302) 738-2502

AREAS OF INTEREST: Plant science; animal science; entomology and applied ecology; agricultural engineering; agricultural and food economics; water and air pollution; agricultural biochemistry.

HOLDINGS: Books, periodicals, technical reports.

PUBLICATIONS: Technical reports, bulletins, circulars.

INFORMATION SERVICES: Answers inquiries; permits onsite use of literature collection.

Department of Entomology and Applied Ecology

1821 College of Agricultural Sciences
University of Delaware
Newark, Del. 19711

Tel: (302) 738-2526

AREAS OF INTEREST: Entomology, including arthropodology; applied ecology, including arthropods and wild vertebrates.

HOLDINGS: Departmental library; extensive State collection of arthropods, especially insects, and a representative collection of bird skins, eggs, mammal skins, and skeletons.

PUBLICATIONS: Journal papers, museum bulletins, station bulletins, extension recommendations.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services to private citizens and State, municipal, and Federal agencies; provides limited identification services of insects and some vertebrate animals.

Plant Science Department

1822 College of Agricultural Sciences
University of Delaware
Newark, Del. 19711
Tel: (302) 738-2531

AREAS OF INTEREST: Agronomic science; horticultural science; plant pathology.

HOLDINGS: 50,000 books; 100 periodical titles; reports.

PUBLICATIONS: Annual report, other reports, articles by staff members in appropriate journals.

INFORMATION SERVICES: Answers inquiries; provides research information to the public.

Delaware Agricultural Experiment Station and Extension Service

1823 College of Agricultural Sciences
University of Delaware
Newark, Del. 19711
Tel: (302) 738-2507

AREAS OF INTEREST: Plant science; agricultural engineering; agricultural and food economics; entomology; ecology; animal science; agricultural biochemistry; water and air pollution.

HOLDINGS: Books, periodicals, technical reports.

PUBLICATIONS: Technical reports and bulletins, circulars, specifications.

INFORMATION SERVICES: Answers inquiries; provides cooperative extension educational services.

Department of Biological Sciences

1824 University of Delaware
117 Wolf Hall

Newark, Del. 19711
Tel: (302) 738-2281

AREAS OF INTEREST: Marine biology; cell biology and biochemistry; physiology (plant and animal); ultrastructure of cells, particularly as related to viruses; microbiology, especially blue-green algae and microbial genetics; genetics of aging.

HOLDINGS: The Department uses the collections of the University library.

PUBLICATIONS: Reprints of scientific articles.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Fees are charged for services requiring substantial commitment of time or effort.

Marine Laboratories

1825 University of Delaware
Newark, Del. 19711
Tel: (302) 738-2270

AREAS OF INTEREST: Coastal and marine environments; oceanography, with emphasis on coastal environments; marine science; aquatic biology; special interest in tidal marsh and estuarine productivity; marine physiology; fauna of the Delaware Bay; aquaculture; water pollution; toxic effects of detergents and other polluting agents; cooperative work with the College of Engineering, the College of Agriculture, and the Departments of Geology and Geography on problems dealing with usage of the Delaware estuary.

HOLDINGS: Project reports and research proposals. Extensive technical references are held in the Morris Library on the Newark campus and the library at the field station, including books, monographs, journals, abstract literature, and bibliographic aids.

PUBLICATIONS: A series of technical monographs. Most research results are published in journals.

INFORMATION SERVICES: Answers inquiries by telephone or letter. Staff members are available for consultation, for lectures, and as visiting scientists. The library is open to qualified scientists and reference service is provided. Material may be borrowed through interlibrary loan, and copies of reports and reprints dealing with research activities may be obtained free while the supply lasts. Duplication services are available at cost.

The Marine Laboratories maintain a field station at Lewes, Del.

Water Resources Center

1826 University of Delaware
Newark, Del. 19711
Tel: (302) 738-2440

AREAS OF INTEREST: Aquatic biology; aquatic ecology; aqueous solutions; aquifers; droughts; estuaries; evaporation; evapotranspiration; fluid mechanics; ground water; hydrodynamics; hydrogeology; hydrometeorology; irrigation; water pollution; precipitation; rain and rainfall; rivers; runoff; salt water intrusion; sewage treatment; soil-water relationships; solutes and solutions; streams; wastes; waste treatment; waste water; water law; water microbiology; water purification; water quality; water reclamation; water requirements; water use and reuse; watersheds; water supply; water treatment; wells.

HOLDINGS: Materials on water and water research are maintained in the University Library.

PUBLICATIONS: *Water Resources Center Contributions* contain reports of the Center's research projects; annual report. A complete publications list is available.

INFORMATION SERVICES: Answers inquiries; makes referrals.

UNIVERSITY OF DENVER

Denver Research Institute

1827 University of Denver
Denver, Colo. 80210
Tel: (303) 753-2271

AREAS OF INTEREST: Chemistry and chemical engineering; physics; mathematics; mechanics; materials sciences and metallurgy; electronics; electromagnetic propagation; industrial economics; general microbiology; microbial ecology; waste disposal; nutrition; biochemistry; pollution; fermentation techniques; computer applications in all subjects and computer education.

HOLDINGS: Books, reports, periodicals, maps, charts, photos, slides, motion pictures, graphs, tables, standards and specifications, reprints, pamphlets, bibliographies, clippings, project records, microforms, tapes, reviews, abstracts, indexes, data.

PUBLICATIONS: Reports, reviews, proceedings, newsletters, reprints, pamphlets, press releases. Publication lists are available.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting, bibliographic, and duplication services; permits onsite use of literature collection; performs research for industry and Government on a nonprofit, cost-reimbursable basis.

The Institute has extensive facilities for research in the above areas of interest, including a Burroughs B5500 computer.

UNIVERSITY OF FLORIDA

College of Medicine

Department of Anesthesiology

1828 College of Medicine
University of Florida
Shands Teaching Hospital
Gainesville, Fla. 32601
Tel: (904) 392-3441

AREAS OF INTEREST: Anesthesiology; anesthetics; brain pressure; oxygen stores; surface tension phenomena; drowning; liquid ventilation; placental transport.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers brief inquiries; provides consulting services.

Department of Immunology and Medical Microbiology

1829 College of Medicine
University of Florida
Gainesville, Fla. 32601
Tel: (904) 392-3311

AREAS OF INTEREST: Microbial genetics; radiation biology; bacterial physiology; immunochemistry; immunology; parasitology; infectious diseases; virology; tumor biology; clinical microbiology; computer-assisted instruction.

HOLDINGS: Parasitological specimens; slides; small collection of books, periodicals, and reports.

PUBLICATIONS: Reports, books, articles by staff members in scientific journals.

INFORMATION SERVICES: Answers inquiries. Individual staff members provide consulting services for fee.

Department of Medicine

1830 College of Medicine
University of Florida
Gainesville, Fla. 32601
Tel: (904) 376-3211 Ext. 5881

AREAS OF INTEREST: Medicine; adverse reactions to drugs; drug usage; antimicrobial drugs; infectious diseases; clinical immunology.

PUBLICATIONS: Reports, critical reviews, books.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services free to some users and for fee to others.

Department of Pharmacology and Therapeutics

1831 College of Medicine
University of Florida
Gainesville, Fla. 32601
Tel: (904) 392-3541

AREAS OF INTEREST: Pharmacology and therapeutics; microsomal metabolism or organic chemicals.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Services are limited by available time and personnel.

College of Pharmacy

Bureau of Professional Relations

1832 College of Pharmacy
University of Florida
J. Hillis Miller Health Center, Room P-109
Gainesville, Fla. 32601
Tel: (904) 392-3418

The Bureau of Professional Relations serves as an information center for improved liaison between medicine and pharmacy. It conducts a program to develop better prescription combinations.

AREAS OF INTEREST: Pharmacy, including manufacturing pharmacy, hospital pharmacy, and pharmacy administration; pharmaceutical chemistry; pharmacology; pharmacognosy.

PUBLICATIONS: Pharmacy standards and specifications; professional relations bulletin.

INFORMATION SERVICES: Answers inquiries; provides consulting services for a fee; sponsors conferences, meetings, and training sessions for pharmacists and others concerned with pharmaceuticals.

Department of Microbiology

1833 University of Florida
McCarty Hall
Gainesville, Fla. 32601
Tel: (904) 392-1906

AREAS OF INTEREST: Methanogenic bacteria (taxonomy, biochemical pathways); pollution microbiology (pathways of turnover of organic matter); estuarine microbiology (taxonomy of bacteria, organic turnover).

INFORMATION SERVICES: Answers inquiries; provides consulting services for fee; provides cultures of methanogenic bacteria (under authorization from the American Type Culture Association) and estuarine and marine bacteria.

Florida State Museum

1834 University of Florida
Museum Dr.
Gainesville, Fla. 32601
Tel: (904) 392-1721

AREAS OF INTEREST: Systematic zoology (herpetology, malacology, ichthyology, ornithology, mammalogy), anthropology, and history of the Caribbean area; zooarcheology; paleontology.

HOLDINGS: 2 million specimens for research and teaching.

PUBLICATIONS: *Bulletin of the Florida State Museum--Biological Sciences*; *Contributions of the Florida State Museum--Social Sciences*; articles by staff members in appropriate journals; reports.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; identifies specimens. Qualified students and research scientists may borrow materials and make onsite use of the research collections. The Museum is open to the public.

Florida Water Resources Research Center

1835 220 Environmental Engineering Bldg.
University of Florida
Gainesville, Fla. 32601
Tel: (904) 392-0840

AREAS OF INTEREST: Water resources in Florida; aquatic biology; aquifers; canals; chlorination; corrosion; desalination; detergents in water; estuaries; eutrophication; evapotranspiration; fishkills; fluid mechanics; fluoridation; ground water; hydrogeology; irrigation; limnology; pesticides in water; sewage treatment; sewers and sewerage; soil-water relationships; streams; wastes and waste treatment; water analysis; water chemistry; water compacts; water conservation; water cycle; water economics; water law; water pollution; water purification; water quality; water use and reuse; water rights; water softening; water supply; waterways; wells.

HOLDINGS: An extensive reference library of technical reports, standards and specifications, books and monographs, journals, abstract literature, bibliographies, and other published material.

consulting and duplication services (a fee is charged for extensive services); makes referrals; makes inter-library loans; permits onsite use of literature collection.

Institute of Food and Agricultural Sciences

Agricultural Research Center, Monticello

1836 Institute of Food and Agricultural Sciences
University of Florida
Route 3, Box 213B
Monticello, Fla. 32344
Tel: (904) 997-2597

AREAS OF INTEREST: Horticultural crops, especially pecans, peaches, and tung horticulture; plant pathology, breeding, and physiology; entomology.

HOLDINGS: Reference collection of books, periodicals, and reports.

PUBLICATIONS: Technical reprints and mimeograph series.

INFORMATION SERVICES: Research is the primary function of the Center, but inquiries are answered and consulting services are provided.

Agricultural Research Center, Ona

1837 Institute of Food and Agricultural Sciences
University of Florida
P.O. Box 61
Ona, Fla. 33865
Tel: (813) 735-3121 or 735-1001

AREAS OF INTEREST: Beef cattle production; pasture management; herbicides and pesticides; soil chemistry; research.

HOLDINGS: Animals and pastures involved in a broad program of agricultural research; small library collection.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

Facilities include 2,840 acres of land and laboratory facilities.

Cooperative Extension Service

1838 Institute of Food and Agricultural Sciences
University of Florida
Gainesville, Fla. 32601

from soils to agricultural economics to home economics.

PUBLICATIONS: Bulletins, pamphlets.

INFORMATION SERVICES: Answers inquiries; provides consulting services; disseminates agricultural information. Services are free to Florida residents.

Dairy Science Department

1839 Institute of Food and Agricultural Sciences
University of Florida
Gainesville, Fla. 32601
Tel: (904) 392-1981

AREAS OF INTEREST: Dairy cattle and dairy products.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Bulletins.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services. Services are free to Florida residents.

Department of Food Science

1840 Institute of Food and Agricultural Sciences
University of Florida
Gainesville, Fla. 32601
Tel: (904) 376-3261

AREAS OF INTEREST: Food science, including food additives; pesticide residues; chromatography.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and literature-searching services; makes referrals.

Florida Agricultural Experiment Stations

1841 Institute of Food and Agricultural Sciences
University of Florida
Gainesville, Fla. 32601
Tel: (904) 392-1784

AREAS OF INTEREST: General agriculture; agronomy; animal science; dairy science; food science; fruit crops, including citrus fruits; forestry; ornamental horticulture; plant pathology; poultry science; soils; agricultural economics; agricultural engineering; bacteriology; entomology; vegetables; botany;

1842

livestock veterinary science and medicine; meteorology; weather forecasting.

HOLDINGS: The Experiment Stations use the collections of the Institute of Food and Agricultural Sciences' Hume Library.

PUBLICATIONS: *Sunshine State Agricultural Research Report*; technical reports, bulletins. A list of bulletins is available.

INFORMATION SERVICES: Provides consulting services.

Hume Library

1842 Institute of Food and Agricultural Sciences
University of Florida
McCarty Hall
Gainesville, Fla. 32601
Tel: (904) 392-1934

AREAS OF INTEREST: General agriculture; agronomy; agricultural economics; agricultural engineering; animal science; nutrition; botany; dairy science; entomology; food science; forestry; fruit crops; horticulture; soil science; poultry science; vegetable crops; veterinary science; plant pathology; bacteriology; statistics.

HOLDINGS: 80,000 volumes, including bound volumes of 1,300 periodical titles; 200,000 USDA, State, and foreign documents.

PUBLICATIONS: Acquisitions lists; serials list.

INFORMATION SERVICES: Answers inquiries; provides reference and literature-searching services; provides duplication services and current-awareness profiles from Bibliography of Agriculture tapes for fee; makes referrals; makes interlibrary loans; permits onsite use of collection.

Plant Pathology Department

1843 Institute of Food and Agricultural Sciences
University of Florida
Gainesville, Fla. 32601
Tel: (904) 392-1861

AREAS OF INTEREST: Plant diseases.

HOLDINGS: Small departmental library.

PUBLICATIONS: Reports, abstracts, bulletins, circulars and mimeographs on plant diseases.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals. Services are primarily for commercial and home growers in Florida.

UNIVERSITY OF FLORIDA

School of Forestry

1844 Institute of Food and Agricultural Sciences
University of Florida
Gainesville, Fla. 32601
Tel: (904) 392-1792

AREAS OF INTEREST: Research and extension of information in areas related to forestry, forest products, wildlife, range management, and outdoor recreation.

PUBLICATIONS: Reports, bulletins, pamphlets, technical journal articles.

INFORMATION SERVICES: Answers inquiries; provides consulting and development services through a cooperative extension and continuing education program; conducts research. Services are primarily for residents of Florida and the South.

Soil Science Department

1845 Institute of Food and Agricultural Sciences
University of Florida
Gainesville, Fla. 32601
Tel: (904) 392-1804

AREAS OF INTEREST: Soil classification, morphology, and genesis; soil chemistry; soil physics; soil microbiology; soil fertility; soil testing; soil analysis.

HOLDINGS: The Department uses the collections of the University libraries.

PUBLICATIONS: Scientific articles in leading international, national, and State journals; books, reports, scientific papers.

INFORMATION SERVICES: Answers inquiries; provides consulting services and an extension program in soils; conducts research.

J. Hillis Miller Health Center

J. Hillis Miller Health Center Library

1846 University of Florida
Gainesville, Fla. 32601
Tel: (904) 392-3051

AREAS OF INTEREST: Medicine, nursing, pharmacy, dentistry, and related medical sciences.

HOLDINGS: 124,000 volumes; 1,750 periodical titles; reports.

PUBLICATIONS: Periodical lists.

INFORMATION SERVICES: Answers inquiries; provides reference, literature-searching, and duplication services; makes interlibrary loans; permits onsite use of

collection. Services are available to any serious researcher.

Marine Laboratory

1847 c/o Department of Zoology
University of Florida
Gainesville, Fla. 32601
Tel: (904) 392-1566

AREAS OF INTEREST: Marine biology, particularly ecological, physiological, and life history studies of marine animals; chemical embryology; larval development and metamorphosis; systematics and zoogeography.

HOLDINGS: Small reference collection of marine animals.

PUBLICATIONS: Results of research are published in scientific journals.

INFORMATION SERVICES: Answers brief inquiries; identifies marine animals from coast of Florida (limited to specialty groups of available staff members); collects marine animals for interested specialists for fee; makes referrals; permits onsite examination of collection.

UNIVERSITY OF GEORGIA

Department of Food Science

1848 University of Georgia
Food Science Bldg.
Athens, Ga. 30601
Tel: (404) 542-2286

AREAS OF INTEREST: Food science.

HOLDINGS: Small collection of reports.

PUBLICATIONS: Reports, reprints.

INFORMATION SERVICES: Provides consulting services free or at cost, depending on nature and extent of services required; disseminates reprints of research publications free.

Department of Horticulture

1849 University of Georgia
Athens, Ga. 30601
Tel: (404) 542-2471 or 542-2472

AREAS OF INTEREST: Horticulture; physiology, biochemistry, propagation, and production of all crops.

HOLDINGS: 50,000 books; 1,000 periodical titles; 50,000 reports.

PUBLICATIONS: Scientific papers in appropriate journals; reports.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, literature-searching, abstracting, and duplication services; makes referrals; makes interlibrary loans; permits onsite use of collection. Services are provided free to some users and at cost to others, depending on the amount of time and effort required.

General Research

1850 University of Georgia
Athens, Ga. 30601
Tel: (404) 542-3512

AREAS OF INTEREST: Synthetic methods; NMR spectroscopy; stereochemistry; chemistry of natural products; terpenes; alkaloids; carbanions; free radicals; kinetics; statistical theory of electronic energies; thermochemical and transport properties of mixtures; heterogeneous equilibria; electrochemistry; electron spin resonance; photochemistry; radiation chemistry; electronic spectra; organometallic chemistry; transition metal complexes; boron hydrides; mass spectrometry; X-ray crystallography; geology; mineralogy; petrology; sedimentology; coastal processes; hydrography; salt marsh ecosystems; estuarine pollution; agriculture; estuarine microbiology; nutrient cycling; bioluminescence; behavioral physiology of invertebrates; coastal geomorphology; geochemistry; sedimentary structures; clay mineralogy; palynology; single crystal growth; high pressure transformations triaxial stress measurements; compressibilities; gas-solid interactions at high pressures; statistical estimation; non-parametric theory; bayes estimation; biostatistics; statistical genetics; systems analysis; operations research; information systems; sampling survey theory; multivariate analysis; classification techniques; numerical methods; reliability theory; statistical languages; statistical computer applications; drainage basin morphology; water balance studies; chemiluminescence; carbon-14 isotope geology; hydrology; ore deposits; mineral equilibria; rock deformation; paleoecology; vertebrate paleontology; economical-mineral collection; photoelectric photometry; negative ion studies; ion-atom scattering; electron scattering; thermal properties of liquid helium; thermal properties of solids; magnetic and optical properties of solids; polarized neutron reactions; charged particle and gamma ray spectroscopy; ultrasonic attenuation in solids; stability of binary star systems; vibrational and electronic structure of molecules; S-matrix theory; local quantum theory; theory of Yang-Mills field, unified field theory;

three-body problems; nuclear reaction theory; dynamics of solids.

HOLDINGS: Samples of pleistocene, barrier island, and salt marsh continental shelf sediments; invertebrate collection; herbarium and systematics taxonomic vertebrate and invertebrate specimens; 120 periodicals and journals; reprints, photos, slides, maps, charts, newsletters, motion pictures on marine geology, fossils; 15,000 geologic volumes, including 170 journals and complete sets of all major journals; complete set of U.S. Geological Survey publications and maps; complete set of American Mineralogical Society maps and extensive geological map collection; 6,200 volumes in mathematical sciences, including subscriptions to 150 journals in the mathematical sciences.

INFORMATION SERVICES: Answers brief inquiries; makes referrals; provides consulting services for fee; provides spectrographic and X-ray analyses; shows films and slides; identifies rocks and minerals; provides statistical consultations on the design and analysis of experiments and surveys; permits onsite reference.

Facilities include visible, ultraviolet, and infrared spectrometers (including Perkin Elmer 621, Beckman 11, and Cary 14 instruments); preparative and analytical vapor phase chromatographs; NMR spectrometers (Varian HA-100, Varian A-60, Perkin Elmer R-20); Varian V-4502-14 ESR spectrometer; radiochemical counting apparatus; RMU-6 mass spectrometer; Cary 60 ORD-CD spectrophotometer; cobalt-60 source; X-ray diffraction, X-ray fluorescence, optical spectrographic, petrographic, and atomic absorption equipment; electron microscope; geochemical prospecting laboratory; palynological laboratory; hydrothermal laboratory; high pressure equipment for triaxial stress techniques, compressibility, phase transformation, and gas-solid interaction studies; student laboratories for statistical computations; advanced laboratory which includes two IBM 2250 terminals connecting on line to IBM 360/65; a data preparation laboratory; instrumented experimental watershed; meteorological observatory; laser Raman; electron-probe microanalyzer; carbon-14 laboratory; 5MV Van de Graaff accelerator with on-line computer; low temperature laboratory; 24-inch Cassegranian telescope; atomic scattering laboratory.

Georgia Agricultural Experiment Station

1851 College of Agriculture
University of Georgia
Athens, Ga. 30601
Tel: (404) 542-2376

AREAS OF INTEREST: General agriculture; agricultural engineering; agronomy; horticulture; plant pathology; entomology; animal science; dairy and poultry science; food science; economics.

HOLDINGS: A library of 33,000 books.

PUBLICATIONS: *Georgia Agricultural Research* (quarterly); bulletins.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services.

Branch Stations: Coastal Plain Experiment Station, Tifton, Ga.; Georgia Experiment Station, Experiment, Ga.

Institute of Ecology

1852 University of Georgia
The Rockhouse
Athens, Ga. 30601
Tel: (404) 542-2968

AREAS OF INTEREST: Ecosystems; energy flow and mineral cycling; plant and animal ecology; limnology; marine ecology; wildlife ecology; human ecology and environmental design.

HOLDINGS: Study collections of birds, mammals, fish, reptiles, amphibians, insects, and plants are maintained in the Departments of Zoology, Entomology and Botany, and in the School of Forest Resources. The University Science Library contains approximately 250,000 volumes dealing with ecology.

PUBLICATIONS: Members publish in the open literature; their collective papers are on file in the Institute offices.

INFORMATION SERVICES: Answers inquiries from the lay public on environmental questions; provides consulting services to industry, Government, and individuals.

Marine Institute

1853 University of Georgia
Sapelo Island, Ga. 31327
Tel: (912) 485-2321

AREAS OF INTEREST: Estuarine ecology; barrier island geology.

HOLDINGS: 5,000 books; 200 periodical titles; reports.

PUBLICATIONS: Collected reprints.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes interlibrary loans.

School of Forest Resources

1854 University of Georgia
Athens, Ga. 30601
Tel: (404) 542-2686

tion, management, and utilization of forest resources, including vegetation-soil-water relationships and watershed and pollution studies; ecosystem science, including basic forest hydrology.

PUBLICATIONS: Reports are published by the Georgia Forest Research Council and jointly with the Office of Water Resources Research and the Bureau of Sport Fisheries, U.S. Department of the Interior, and the Forest Service, U.S. Department of Agriculture. Articles concerned with forests, cover soil, water, and microclimate are also prepared for national and international journals. Single copies are distributed free on request.

INFORMATION SERVICES: Answers inquiries; provides brief consulting services; provides extensive consulting services free to State and local government offices (others may make arrangements with individual faculty members for extensive consulting services on fee basis).

The School maintains a small, gaged, forested watershed with a rainfall, soil-moisture, and ground-water network as an index to runoff from local Piedmont forest lands. Laboratories for forest hydrology and plant-soil-water research are contained in a modern three-building complex. A soil-water field laboratory is proposed for construction.

School of Pharmacy

1855 University of Georgia
Athens, Ga. 30601
Tel: (404) 542-1911

AREAS OF INTEREST: Pharmacy, including pharmacology, pharmacognosy, and pharmaceuticals; medicinal chemistry; toxicology of commercial products.

HOLDINGS: Small collection of books, handbooks, and abstract journals.

PUBLICATIONS: *Over the Counter* (a service bulletin issued irregularly).

INFORMATION SERVICES: Answers inquiries; provides consulting services for fee. Services are provided to scientists and medical or paramedical personnel only.

UNIVERSITY OF HARTFORD

Department of Biology

1856 University of Hartford
Dana Hall
200 Bloomfield Ave.

Tel: (203) 236-5411

AREAS OF INTEREST: Botany; genetics; invertebrate zoology; anatomy; physiology; ecology; microbiology; biochemistry.

HOLDINGS: 500 books; 50 periodical titles.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

UNIVERSITY OF HAWAII

Cooperative Extension Service

1857 College of Tropical Agriculture
University of Hawaii
2525 Varney Circle, Gilmore Hall
Honolulu, Hawaii 96822
Tel: (808) 944-8346 or 944-8538

AREAS OF INTEREST: Agricultural engineering; agricultural economics; agricultural biochemistry; agronomy; soil science; animal (beef, dairy, poultry) science; entomology; food science and technology; home economics; horticulture; nutrition; parasitology; plant pathology; plant physiology.

HOLDINGS: Educational films and filmstrips, reports, data.

PUBLICATIONS: Bulletins, circulars, leaflets, proceedings, data handbook.

INFORMATION SERVICES: Answers inquiries; provides consulting services; lends materials.

Department of Agricultural Biochemistry

1858 University of Hawaii
1825 Edmondson Rd.
Honolulu, Hawaii 96822
Tel: (808) 944-8352

AREAS OF INTEREST: Feed analysis; economic poison analysis; pesticides and pesticide residues; toxic plant materials.

HOLDINGS: Small collection of reports.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries.

Hawaii Agricultural Experiment Station

1859 University of Hawaii
2525 Varney Circle
Honolulu, Hawaii 96822
Tel: (808) 944-8231

agriculture; agricultural biochemistry; economics; and engineering; agronomy; soil science; animal science; entomology; food science and technology; horticulture; nutrition; plant pathology; plant physiology; fashion design, textiles, and merchandizing; human development; home economics.

HOLDINGS: Small reference collection.

PUBLICATIONS: *Hawaii Farm Science* (quarterly); circulars, bulletins.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services.

Hawaii Institute of Marine Biology

1860 P.O. Box 1067
Kaneohe, Hawaii 96744

Location:

Coconut Island

Kaneohe, Hawaii

Tel: (808) 247-6631

AREAS OF INTEREST: Marine science, including zoology, botany, chemistry, physics, geology, biochemistry, bacteriology, oceanography, and toxicology; fish ecology and physiology; pollution studies.

HOLDINGS: 300 books; 50 journals; over 1,000 reprints; technical reports, slides.

PUBLICATIONS: Technical reports, contribution reprints.

INFORMATION SERVICES: Answers inquiries; provides reference services; exchanges information with marine laboratories.

Facilities include a 46-ft. research vessel, numerous boats and skiffs, and fully equipped plankton, bacteriology, natural products chemistry, and pharmacology laboratories.

Pacific Biomedical Research Center

1861 University of Hawaii
2538 The Mall
Honolulu, Hawaii 96822
Tel: (808) 944-8499 or 944-8632

The Center is supported, in part, by the National Institutes of Health of the U.S. Public Health Service and State agencies.

AREAS OF INTEREST: Environmental, respiratory, and kidney physiology; diving; human genetics; inhalation toxicology; pulmonary particle clearance; pesticides; pharmacology (natural products); air pollution; gas chromatography; heavy metals (especially inhalation); radiation toxicology; aquatic biology; oceanography.

collaborative and contractual research services. Staff members provide some consulting services on an individual basis to outside, profitmaking organizations for a fee.

School of Public Health

1862 University of Hawaii
1960 East West Rd.
Honolulu, Hawaii 96822
Tel: (808) 944-7342

AREAS OF INTEREST: Public health, including toxicity of chemicals in water, fish toxicity, industrial hygiene, chemicals in industry, and pollution.

HOLDINGS: 8,000 volumes.

PUBLICATIONS: Standards and specifications, reports.

INFORMATION SERVICES: Provides consulting services.

University Library

1863 University of Hawaii
Honolulu, Hawaii 96822
Tel: (808) 944-7205 (Library Administration)
(808) 944-8263 (Science-Technology Reference)

The University Library consists of the Gregg M. Sinclair Library, serving undergraduates, and the Thomas Hale Hamilton Library, primarily designed as a graduate research library. The collections are divided between the two buildings but are centrally administered.

AREAS OF INTEREST: Usual university library subjects, including science and technology, with special strengths in Hawaiian, Pacific Ocean, marine biology, tropical agriculture, tsumani research, and Asian materials.

HOLDINGS: 722,290 bound volumes; 12,495 serials currently received; collection of AEC, NASA, and RAND reports; U.S. Government, United Nations and allied agencies, State, and foreign government documents on agriculture; maps, microform collection.

INFORMATION SERVICES: Provides reference services; makes interlibrary loans; compiles short bibliographies in areas of strength.

Water Resources Research Center

1864 University of Hawaii
2525 Correa Rd.
Honolulu, Hawaii 96822

AREAS OF INTEREST: Water resources of the Hawaiian Islands, including hydrologic, engineering, and social aspects; water resources of the Pacific islands; tropical hydrometeorology, precipitation, and storms; hydrogeology; basalt and coral aquifers; insular ground water; saline intrusion; wells; water use; saline tolerance; tropical evapotranspiration; soil-water relationships in tropical soils; irrigation; water conservation; water quality; water pollution; waste water and sewage treatment; pesticides in water; tropical-alpine limnology; floods; water law; water rights; water economics.

HOLDINGS: A technical reference library is shared with the Institute of Geophysics. There is also a file of manuscripts on Hawaiian water resources.

PUBLICATIONS: Technical reports and journal contributions.

INFORMATION SERVICES: Answers inquiries; provides consulting and bibliographic services; makes referrals; permits onsite reference.

The Center's facilities include two deep monitor wells, a water chemistry laboratory, a radioisotope laboratory, and a hydraulic laboratory used in cooperation with the Engineering Research Institute.

UNIVERSITY OF IDAHO

College of Agriculture

1865 University of Idaho
Moscow, Idaho 83843
Tel: (208) 882-3511

AREAS OF INTEREST: All phases of agriculture.

PUBLICATIONS: *Idaho Agricultural Science Quarterly*; reports, experiment station and extension publications.

INFORMATION SERVICES: Answers inquiries; disseminates single copies of publications free.

Department of Plant Sciences

1866 University of Idaho
Moscow, Idaho 83843
Tel: (208) 882-3511 Ext. 6274

AREAS OF INTEREST: All plant materials commonly cultivated for sale or resale as commodities of food, forage, or fiber, or for ornamental purposes; research activities, including genetics and plant breeding, plant physiology, plant pathology, ornamental horticulture, and weed control.

PUBLICATIONS: Research, extension, and general information bulletins; current information bulletins and progress reports; reprints of technical papers published in professional journals.

INFORMATION SERVICES: Staff members are available for consulting services to private industry, crop producers, cooperating Government agencies, and local citizens. Inquiries concerning production, processing, and utilization of all agricultural crops common to the area are answered when pertinent information is available.

Forest, Wildlife and Range Experiment Station

1867 University of Idaho
Moscow, Idaho 83843
Tel: (208) 885-6171

AREAS OF INTEREST: Forestry, fisheries, wildlife, and range management; wood utilization.

HOLDINGS: Small reference collection of journals and reports.

PUBLICATIONS: Series of Station notes, papers, and bulletins.

INFORMATION SERVICES: Answers technical inquiries; provides consulting services according to the University's Consulting Services Policy.

Idaho Agricultural Experiment Station

1868 University of Idaho
Moscow, Idaho, 83843
Tel: (208) 882-3511 Ext. 6483, 6151, or 6152

AREAS OF INTEREST: General agriculture; agriculture relating to Idaho; biochemistry of soils; agricultural economics; engineering; animal science; bacteriology; dairy science; home economics; entomology; plant science; poultry science; veterinary science.

PUBLICATIONS: Experiment station bulletin, research bulletin, current information series, progress reports, journal articles, Idaho agricultural science and miscellaneous research series.

INFORMATION SERVICES: Through the Information Department of the Experiment Station, prepares radio and television scripts for Stations throughout the State; makes available bulletins and publications.

Facilities include laboratories and a computer center housing IBM 360/40, 360/20, and 1620 computers.

1869

Library

1869 University of Idaho
Moscow, Idaho 83843
Tel: (208) 882-0110

AREAS OF INTEREST: General subject coverage, including science and technology; mining; metallurgy; forestry; engineering; entomology; agriculture.

HOLDINGS: The Library's holdings in science and technology include about 75,000 books, 2,500 periodical titles, 51,000 bound periodicals, 10,000 U.S. Bureau of Mines publications, and 45,000 maps. The Library is a depository for both U.S. Government and Idaho State Government documents.

INFORMATION SERVICES: Provides reference services (priority is given to faculty and students); provides photocopying services; makes interlibrary loans.

Water Resources Research Institute

1870 University of Idaho
Moscow, Idaho 83843
Tel: (208) 882-3511 Ext. 6429 or 6420

AREAS OF INTEREST: Water problems and water resources of Idaho; water pollution; watershed management; ground water; hydraulic engineering; aquatic biology; hydrology; water economics; water law; irrigation and drainage; piscicides.

HOLDINGS: 2,970 reports; 204 bibliographies; 80 reviews; 43 books; 125 maps and charts; abstracts, indexes, data.

PUBLICATIONS: Technical completion reports, information bulletins, annual report.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services; performs research on more complex problems having academic interest, as negotiated; permits onsite use of collection.

UNIVERSITY OF ILLINOIS

Agriculture Library

1871 University of Illinois
225 Mumford Hall
Urbana, Ill. 61801
Tel: (217) 333-2416

AREAS OF INTEREST: General agriculture; animal science; soil science; field crops; agricultural

UNIVERSITY OF IDAHO

economics; international agriculture, with special emphasis on India and Africa; environmental problems relating to agriculture.

HOLDINGS: 58,000 books and bound periodicals; 10,000 pamphlets.

INFORMATION SERVICES: Provides reference services to non-University personnel by special permission; makes interlibrary loans.

Biology Library

1872 University of Illinois
Urbana, Ill. 61801
Tel: (217) 333-3654

AREAS OF INTEREST: Biology; botany; entomology; microbiology; physiology; biophysics; zoology; ornithology.

HOLDINGS: 84,685 books and bound periodicals; 117 reels of microfilm and 228 microcards.

INFORMATION SERVICES: Provides reference and document services to students and staff of the University and to others upon application; makes interlibrary loans.

Cleft Palate Clinic

1873 P.O. Box 6998
Chicago, Ill. 60680

Location:

University of Illinois at the Medical Center
Chicago, Ill.

Tel: (312) 663-6816

The Center provides interdisciplinary diagnostic and comprehensive treatment for infants and children with craniofacial anomalies and for patients with craniofacial deformities resulting from trauma or ablative surgery in the treatment of cancer.

AREAS OF INTEREST: Treatment of craniofacial anomalies; treatment of craniofacial deformities resulting from trauma or ablative surgery in the treatment of cancer; serial studies to determine the effect of growth and the results of various forms of treatment on the development of craniofacial structures, including aspects of genetics, speech and hearing, plastic surgery, pediatrics, and various dental specialties.

HOLDINGS: A data bank that includes serial cephalometric and tomographic radiographs, dental casts, photos, tape recordings, genetic histories, and other related data on more than 3,000 patients; educational materials, including slides, reprints, motion pictures, and bibliographies.

PUBLICATIONS: Articles in appropriate journals, reports, abstracts, critical reviews, books.

INFORMATION SERVICES: Answers inquiries; provides consulting services; prepares diagnostic studies; permits onsite use of collection by arrangement.

Crop Evolution Laboratory

1874 University of Illinois
Urbana, Ill. 61801
Tel: (217) 333-4376

AREAS OF INTEREST: Origin, evolution, and genetics of cultivated plants and weeds; association between plants and man; biosystematics of cultivated plants and weeds.

HOLDINGS: Reprint collection on plant evolution.

PUBLICATIONS: Reports, books.

INFORMATION SERVICES: Provides consulting services; provides genetic data on particular crops to plant breeders.

Department of Pharmacology

1875 College of Medicine
University of Illinois
P.O. Box 6998
Chicago, Ill. 60680

Location:

835 South Wolcott Ave.
Chicago, Ill.
Tel: (312) 663-7635

AREAS OF INTEREST: Pharmacology, including neuropharmacology; drug metabolism; adverse reactions to drugs; toxicological problems.

HOLDINGS: Small collection of books and periodicals.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals. Services are provided free to the scientific community.

Herbarium

1876 Department of Botany
University of Illinois
Urbana, Ill. 61801
Tel: (217) 333-2522 or 333-2796

AREAS OF INTEREST: Botany, particularly taxonomic research; geographical distribution of species; Illinois flora, including rare and extinct species; cultivated plants; systematics of weeds; parasitic and other fungi, particularly tropical fungi from the

Philippine Islands, Hawaii, and Puerto Rico; Devonian and Pennsylvanian pteridophytes; coal ball and compression fossils.

HOLDINGS: Approximately 500,000 specimens of modern species in the Herbarium proper and among the Mycological Collections; approximately 20,000 specimens in the Paleobotanical Collections.

INFORMATION SERVICES: Provides identification services for Illinois residents; permits onsite reference among all collections.

Illinois Agricultural Experiment Station

1877 University of Illinois
Urbana, Ill. 61801
Tel: (217) 333-0240

AREAS OF INTEREST: General agriculture; agricultural economics; agronomy; rural sociology; agricultural engineering; crops; soils; beef and dairy cattle; swine; sheep; agricultural communications; agricultural entomology; forestry; home economics; vegetable crops; floriculture; ornamental horticulture; plant and animal diseases.

PUBLICATIONS: *Illinois Research* (quarterly); technical bulletins, circulars, standards and specifications.

INFORMATION SERVICES: Provides reference and consulting services; provides soil analysis for fee.

Dixon Springs Agricultural Center

1878 Illinois Agricultural Experiment Station
Simpson, Ill. 62985
Tel: (618) 695-2441

AREAS OF INTEREST: Agricultural research and extension in animal science, agronomy, forestry, horticulture, veterinary medicine, rural development, and environmental quality.

PUBLICATIONS: Weekly news releases, including *This Week at Dixon Springs*; bulletins and circulars (issued irregularly by subject matter departments).

INFORMATION SERVICES: Answers inquiries about research being conducted at the Center; conducts tours and meetings at the Center. Staff members are involved in extensive public service programs.

Institution for Tuberculosis Research (Tice Laboratory)

1879 University of Illinois at the Medical Center
1835 West Harrison St., Room 201
Chicago, Ill. 60612
Tel: (312) 633-6290

test; cellular immunity; nonspecific stimulation of reticuloendothelial system; cancer immunity.

HOLDINGS: 100 periodical titles; books, reports.

PUBLICATIONS: Standards, specifications, biennial report.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; disseminates reprints on request.

Research Resources Laboratory

1880 Medical Center
University of Illinois
835 South Wolcott St.
Chicago, Ill. 60612
Tel: (312) 663-7600

AREAS OF INTEREST: Bioinstrumentation; electron microscopy; computer technology.

HOLDINGS: Government service laboratory reports, especially those of the Department of Defense.

PUBLICATIONS: Scientific papers by individual staff members.

INFORMATION SERVICES: Provides consulting and reference services.

Veterinary Medicine Library

1881 University of Illinois
Urbana, Ill. 61801
Tel: (217) 333-2193

AREAS OF INTEREST: Veterinary medicine, primarily, but also human medicine and related sciences.

HOLDINGS: 16,500 volumes.

INFORMATION SERVICES: Provides reference and document services to students and staff of the University and to others receiving special permission; makes interlibrary loans.

Water Resources Center

1882 2535 Hydrosystems Laboratory
University of Illinois
Urbana, Ill. 61801
Tel: (217) 333-0536

AREAS OF INTEREST: Hydrology; water resources planning; water quality; ecology of water resources development; pollution control.

PUBLICATIONS: Research reports, annual report, special reports.

firms in locating consultants.

UNIVERSITY OF IOWA

Department of Pharmacology

1883 College of Medicine
University of Iowa
311 Medical Laboratories
Iowa City, Iowa 52240
Tel: (319) 353-5854

AREAS OF INTEREST: Pharmacology; basic mechanisms of drug toxicity, especially on the liver; teratology; toxicology, including environmental toxicology; action of drugs on the central nervous system, cardiovascular system, autonomic nervous system, and related physiological involvement of chemicals.

HOLDINGS: 100 books; 2,000 periodicals.

PUBLICATIONS: Papers in scientific journals (50-60 per year).

INFORMATION SERVICES: Answers inquiries; provides consulting services to scientists, medical personnel, and industrial firms. Services are provided to some users at cost.

The Department has access to an IBM 360 computer.

Institute of Agricultural Medicine

1884 College of Medicine
University of Iowa
Iowa City, Iowa 52240
Tel: (319) 353-4720

AREAS OF INTEREST: Preventive medicine and public health in rural areas; animal diseases transmissible to man; health hazards from farm chemicals; accidents associated with modern farming; sanitation problems peculiar to farming and farm living.

HOLDINGS: Technical and scientific data; cataloged abstracts of current articles; books, periodicals, abstract journals, Government reports, industrial literature.

PUBLICATIONS: Bulletins (irregular).

INFORMATION SERVICES: Lends documents; permits onsite reference; provides duplication services.

Radiation Research Laboratory

1885 14 Medical Laboratories

University of Iowa
Iowa City, Iowa 52240
Tel: (319) 353-3747

AREAS OF INTEREST: Radiation effects (biological, chemical, physical); radioisotopes; radiology and health physics.

PUBLICATIONS: *Radiation Research*.

INFORMATION SERVICES: Provides consulting services to university and Government research laboratories.

State Hygienic Laboratory

1886 University of Iowa
225 Medical Laboratory Bldg.
Iowa City, Iowa 52240
Tel: (319) 353-5990

AREAS OF INTEREST: Toxicological agents; environmental factors, including pesticides, herbicides, fluorides, and stream pollutants; effects of toxic agents taken internally; communicable diseases (virology, bacteriology, parasitology, mycology); industrial hygiene; radioactive materials and X-ray; breath alcohol; laboratory consultation and improvement.

PUBLICATIONS: Technical report series; monthly bulletin of interest to laboratory workers.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and laboratory diagnostic services.

UNIVERSITY OF KANSAS

Department of Biochemistry and Physiology

1887 University of Kansas
Haworth Hall
Lawrence, Kans. 66044
Tel: (913) 864-4021

AREAS OF INTEREST: Biochemistry and physiology, including microtubule protein in the brain, sodium-potassium ATPase in the brain, and gangliosides.

HOLDINGS: 1,000 books; 50 periodical titles; reports. The Department also uses the collections of the University Library.

PUBLICATIONS: Research results are published in scientific journals.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; provides literature-searching services for fee.

Department of Physiology and Cell Biology

Hall Laboratory of Mammalian Genetics

1888 Department of Physiology and Cell Biology
University of Kansas
Lawrence, Kans. 66044
Tel: (913) 864-3004

AREAS OF INTEREST: Mammalian genetics; physiological genetics; history of genetics; laboratory animal science.

HOLDINGS: 5,000 reprints; small collection of books and periodicals; trust stocks of mice for qualified investigators.

PUBLICATIONS: Research results are published in appropriate journals.

INFORMATION SERVICES: Permits onsite use of literature collection.

Museum of Natural History

1889 University of Kansas
Lawrence, Kans. 66045
Tel: (913) 864-4545

AREAS OF INTEREST: Taxonomic classification of mammals, birds, reptiles, amphibians, and fishes, both fossil and recent, especially Kansas and North American mammals; geographic distribution of North American mammals in relation to diseases of man; natural history; archeology; paleontology.

HOLDINGS: 287,500 specimens; 15,000 reprints; 1,200 maps and charts; films, photos, data.

PUBLICATIONS: Technical reports.

INFORMATION SERVICES: Answers inquiries; identifies, taxonomically, native wild mammals of North America; provides consulting services on fee basis; makes referrals. The specimen collection is available to qualified scientists who visit the Museum and, in some instances, specimens are loaned to other institutions.

Herpetology Division

1890 Museum of Natural History
University of Kansas
Lawrence, Kans. 66044
Tel: (913) 864-3342

AREAS OF INTEREST: Reptiles and amphibians, especially of the neotropical region.

reptiles in excess of 140,000 specimens (the Division serves as a depository for voucher specimens); a collection of books, periodicals, and reports (about 10,000 titles).

INFORMATION SERVICES: Answers inquiries; provides consulting services; identifies reptiles and amphibians; permits onsite use of collections by qualified investigators.

School of Medicine

Department of Pharmacology

1891 School of Medicine
University of Kansas Medical Center
Rainbow Blvd. at 39th St.
Kansas City, Kans. 66103
Tel: (913) 236-5252 Ext. 375

AREAS OF INTEREST: Pharmacology; poisoning; environmental factors, such as oxygen, temperature, and radiation; pesticides; radiation biology.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Fees may be charged for extensive services.

School of Pharmacy

Department of Pharmacology and Toxicology

1892 School of Pharmacy
University of Kansas
Lawrence, Kans. 66044
Tel: (913) 864-4001

AREAS OF INTEREST: Pharmacology; toxicology; effects of electrical and chemical stimuli on learning; effects of ethanol on central cholinergic function; mechanisms of oxygen toxicity; biogenic amines in mental health; metabolism of drugs; drugs that alter digitalis metabolism; autonomic pharmacology; influence of nicotine on the immune response; electron microscopy of toxic reactions; drug-induced cardiomyopathies; toxic effects of nicotine and carbon monoxide on the cardiovascular system.

HOLDINGS: 1,200 periodicals.

INFORMATION SERVICES: Answers inquiries.

University Libraries

1893 University of Kansas
Lawrence, Kans. 66044
Tel: (913) 864-3601 (Director's Office)

following.
Tel: (913) 864-3465 (Science Library)
(913) 864-3745 (Earth Sciences Library)
(913) 864-3866 (Engineering Library)
(913) 864-3440 (Mathematics Library)

AREAS OF INTEREST: Pharmacy; biology; botany; chemistry; comparative biochemistry and physiology; entomology; geography and meteorology; geology; mathematics; microbiology; physics and astronomy; radiation biophysics; zoology; engineering, including aerospace, architectural, chemical, civil, electrical, mechanical, and petroleum.

HOLDINGS: 250,000 books; periodicals.

INFORMATION SERVICES: Provides reference and duplication services; makes interlibrary loans.

UNIVERSITY OF KENTUCKY

Biological Sciences Library

1894 University of Kentucky
100 Funkhauser Bldg.
Lexington, Ky. 40506
Tel: (606) 257-4692

AREAS OF INTEREST: Zoology, microbiology, botany, and all subjects related to the biological sciences.

HOLDINGS: 10,000 bound volumes; 250 periodical titles.

INFORMATION SERVICES: Answers inquiries; provides reference and literature-searching services; provides duplication services for fee; makes interlibrary loans; permits onsite use of collection.

College of Agriculture

Agriculture Library

1895 College of Agriculture
University of Kentucky
Agricultural Science Center
Lexington, Ky. 40506
Tel: (606) 258-9000 Ext. 6282

AREAS OF INTEREST: All subjects basic to or relating to agriculture.

HOLDINGS: 65,000 books; 3,000 serials, including periodicals, reports, bulletins, and proceedings.

PUBLICATIONS: Bulletin.

INFORMATION SERVICES: Answers inquiries; provides reference services; provides duplication services for fee; makes interlibrary loans, usually by providing photocopies; permits onsite use of collection.

Department of Agronomy

1896 College of Agriculture
University of Kentucky
Agricultural Science Center
Lexington, Ky. 40506
Tel: (606) 258-9000 Ext. 2661

AREAS OF INTEREST: Agronomy, including soil science, plant genetics, plant breeding, and plant physiology; tobacco and health research.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

Department of Animal Science

MEAT LABORATORY

1897 Department of Animal Science
College of Agriculture
University of Kentucky
Lexington, Ky. 40506
Tel: (606) 257-3681

AREAS OF INTEREST: Meat science; foods of animal origin.

PUBLICATIONS: Research papers, reports, abstracts.

INFORMATION SERVICES: Answers inquiries; provides consulting services; provides extension services to State producer and consumer groups. Services are generally free to State residents.

Department of Public Information

1898 College of Agriculture
University of Kentucky
Agricultural Experiment Station Bldg., Room 112
Lexington, Ky. 40506
Tel: (606) 258-9000 Ext. 2642

AREAS OF INTEREST: Agricultural economics; agricultural engineering; agronomy; animal sciences; entomology; forestry; home economics; horticulture; plant pathology; resource development; sociology; veterinary science; youth development (4-H).

PUBLICATIONS: *Green Pasture Newsletter*, *Dairy Newsletter*, and *Beef Cattle Facts* (all monthly); books, news releases, radio and television releases and tapes, visual presentations.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; disseminates publications.

Department of Zoology

1899 University of Kentucky
Lexington, Ky. 40506
Tel: (606) 258-8771

AREAS OF INTEREST: Zoology.

HOLDINGS: A literature collection maintained in the University's Biology Library; a small systematic collection of specimens, notably vertebrates of Kentucky and surrounding States.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals.

Drug Information Center

1900 University of Kentucky Medical Center
800 Rose St.
Lexington, Ky. 40506
Tel: (606) 233-5853

AREAS OF INTEREST: Clinically relevant information on drugs, household chemicals, pesticides, plants, product composition, toxicity potential, clinical management of poisoning emergencies, and sources of poisoning-prevention educational items.

HOLDINGS: Small collection of books, periodicals, and reports. The Center also has access to the collections of the Medical Center Library.

INFORMATION SERVICES: Answers inquiries; provides reference and consulting services; conducts public education presentations for poisoning prevention. Services are primarily for members of the health professions.

Kentucky Agricultural Experiment Station

1901 University of Kentucky
Lexington, Ky. 40506
Tel: (606) 258-9000

AREAS OF INTEREST: Soils and crops; horticulture; plant pathology; veterinary medicine; feeds; fertilizers; pesticides; dairy science; poultry science; animal husbandry; agricultural economics; agricultural engineering; tobacco and health; economic entomology; human and animal nutrition; forestry; rural sociology; genetics.

PUBLICATIONS: Bulletin; regulatory bulletin; progress report; results of experiments (in annual report);

INFORMATION SERVICES: Answers technical inquiries; provides analytical services to Kentucky residents in the analysis of soils, feeds, plants, milk products, animal and plant diseases, and insects; provides consulting services concerning agricultural problems within the State.

Facilities include research laboratories and field stations.

Medical Center Library

1902 University of Kentucky
800 Rose St.
Lexington, Ky. 40506
Tel: (606) 233-5300

AREAS OF INTEREST: Medicine; dentistry; nursing; pharmacy; allied health professions.

HOLDINGS: 221,000 bound volumes. Works of William Harvey, discoverer of the circulation of blood, constitute a special collection. Current journals are received in English, Russian, Italian, Spanish, French, and German.

INFORMATION SERVICES: Material is available only for loan. Photocopies of journal articles will be sent in most cases.

Water Resources Institute

1903 University of Kentucky
Lexington, Ky. 40506
Tel: (606) 252-2200 Ext. 2470

AREAS OF INTEREST: Water resource development, planning, and economics; nonstructural aspects of flood control, such as zoning; impact of flood-control structures on the local economy; chemistry of strip-mining water and ecology of acid mine waters; ground water in limestone regions; persistence of pesticides in surface waters; evapotranspiration; effect of soil moisture on plants.

HOLDINGS: A small, specialized library.

PUBLICATIONS: Research results are published in professional journals and in research reports issued by the Institute.

INFORMATION SERVICES: Answers inquiries; makes referrals; assists in locating water resources information originating within the State.

Wenner-Gren Aeronautical Research Laboratory

1904 University of Kentucky

AREAS OF INTEREST: Bioengineering, including bioastronautics, biomechanics, and behavioral biology.

HOLDINGS: Data.

PUBLICATIONS: Technical reports, journal articles.

INFORMATION SERVICES: Answers inquiries; provides consulting services free or for fee, as negotiated.

UNIVERSITY OF LOUISVILLE

Kornhauser Health Sciences Library

1905 Health Sciences Center
Louisville, Ky. 40202
Tel: (502) 582-2211

The Kornhauser Health Sciences Library is sponsored jointly by the University of Louisville and the Jefferson County Medical Society.

AREAS OF INTEREST: Basic and clinical medical and dental sciences; history of medicine and dentistry.

HOLDINGS: 125,000 books; 1,600 journal subscriptions; 75,000 bound journals; 2,750 abstracts; special collection of late 18th and 19th century English, French, German, and American works on anesthesiology, psychiatry, and phrenology.

PUBLICATIONS: Publications lists; journal holdings list.

INFORMATION SERVICES: Answers brief inquiries; provides consulting and duplication services; provides short lists of literature citations in response to specific inquiries; furnishes location of hard-to-find bibliographic materials; makes interlibrary loans; permits onsite use of collection. Services are primarily for Kentucky physicians and dentists, and medical and dental students and faculty members of the University of Louisville, but may be extended to other qualified users.

School of Medicine

Child Development Unit

LOUISVILLE TWIN STUDY

1906 Child Development Unit
University of Louisville
Health Sciences Center
Louisville, Ky. 40202
Tel: (502) 582-2211 Ext. 425

AREAS OF INTEREST: A longitudinal multidisciplinary study of human twins and their siblings with particular reference to constitutional factors and the emergent patterns of behavior during childhood.

HOLDINGS: Specimens of placentas of human twins; extensive collection of psychometric data on twins; small library of books, journals, reprints, photos, slides, project records, graphs, abstracts, indexes, newsletters, publication lists, and bibliographies.

PUBLICATIONS: Popular newsletters on twins (irregular); numerous articles in appropriate journals; reprints.

INFORMATION SERVICES: Answers inquiries regarding multiple births; provides consulting services; provides short lists of literature citations in response to specific inquiries; permits limited onsite use of collection by arrangement.

Department of Pharmacology

1907 University of Louisville School of Medicine
Health Sciences Center
Louisville, Ky. 40201
Tel: (502) 582-2211 Ext. 262

AREAS OF INTEREST: Pharmacology; medicinal chemistry; membrane transport.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals.

Water Resources Laboratory

1908 University of Louisville
Belknap Campus
Louisville, Ky. 40208
Tel: (502) 895-9983

AREAS OF INTEREST: Limnology; aquatic surveys of lakes and streams; the roles of various organisms in the overall functioning of the aquatic ecosystem; the transfer of energies from various sources through the aquatic ecosystem; the physical and chemical characteristics of water, both lotic and lentic; bottom fauna; any other organisms that contribute to the welfare of the aquatic environment.

INFORMATION SERVICES: Answers inquiries. The Laboratory's staff provides consulting services on an individual basis.

UNIVERSITY OF MAINE

College of Life Sciences and Agriculture

1909 University of Maine
Orono, Maine 04473
Tel: (207) 866-7161

AREAS OF INTEREST: Agricultural and resource economics; agricultural engineering; agricultural mechanization; animal and veterinary sciences; bacteriology; biochemistry; biology; botany; entomology; food science; forestry; forest management; forest products; wildlife management; home economics; natural resource management; plant and soil sciences; food service management; merchandising.

PUBLICATIONS: *Research in the Life Sciences* (quarterly); occasional bulletins; journal articles by faculty members.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services for fee.

Department of Food Science

1910 College of Life Sciences and Agriculture
University of Maine
Orono, Maine 04473
Tel: (207) 581-7244

AREAS OF INTEREST: Food science and technology, particularly potatoes, blueberries, poultry, and fisheries.

PUBLICATIONS: Reports, journal articles, bulletins.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Fees may be charged for extensive services.

Department of Plant and Soil Sciences

1911 College of Life Sciences and Agriculture
University of Maine
Deering Hall, Room 104
Orono, Maine 04473
Tel: (207) 866-7863

AREAS OF INTEREST: Agronomic and horticultural crops; all phases of soil science, including forest soils.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Reports, directories, research and extension bulletins.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and literature-searching services. Services are provided free in most cases.

Herbarium

1912 Department of Botany and Plant Pathology
University of Maine
Orono, Maine 04473
Tel: (207) 581-7861

AREAS OF INTEREST: Plants, primarily those indigenous to Maine.

HOLDINGS: 65,000 plant specimens.

PUBLICATIONS: *Maine Flora*.

INFORMATION SERVICES: Answers inquiries; provides reference services.

Maine Agricultural Experiment Station

1913 University of Maine
Orono, Maine 04473
Tel: (207) 866-7344

AREAS OF INTEREST: General agriculture; forestry; home economics; agricultural economics; agricultural engineering; animal pathology; animal science; bacteriology; biochemistry; botany; plant pathology; entomology; food science; plants and soils; poultry science; resource development.

PUBLICATIONS: *Research in the Life Sciences* (quarterly); reports.

INFORMATION SERVICES: Answers inquiries.

School of Forest Resources

1914 University of Maine
Forest Resources Bldg.
Orono, Maine 04473
Tel: (207) 866-7312

AREAS OF INTEREST: Forest land management; wood technology; wildlife management; forest recreation; forest genetics.

PUBLICATIONS: *Forestry Facts* (bimonthly); bulletins.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

UNIVERSITY OF MARYLAND

Chesapeake Biological Laboratory

1915 University of Maryland
P.O. Box 38

Solomons, Md. 20688
Tel: (301) 326-3121

AREAS OF INTEREST: Biology and conservation in the Chesapeake Bay area; estuarine pollution, ecology, and fisheries, with emphasis on the toxicology and possible control of sea nettles, and on the effects of natural and man-induced changes in the environment of estuarine and coastal areas; commercial and sport fishing; seafood processing; biology of fish, shellfish, crabs, clams, starfish, marine organisms, algae, bacteria, parasites, and protozoa.

HOLDINGS: General collection of estuarine species; histological collections of the oyster, *Crassostrea virginica*; miscellaneous materials.

PUBLICATIONS: *Chesapeake Science* (quarterly); occasional special bulletins and articles.

INFORMATION SERVICES: Answers inquiries; provides modest facilities for visiting investigators.

The laboratory has the usual marine laboratory facilities and access to major university equipment at College Park, Md.

Department of Animal Science

1916 University of Maryland
College Park, Md. 20742
Tel: (301) 454-4641

AREAS OF INTEREST: Nutrition, physiology, genetics, and meats technology, all relating to domestic animals, particularly cattle, horses, sheep, and swine; management (biological and economic) of animals and livestock marketing; animal health maintenance.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Services are provided free to Maryland residents.

Department of Botany

1917 University of Maryland
College Park, Md. 20740
Tel: (301) 454-3816

AREAS OF INTEREST: Botany, especially plant biochemistry, algal physiology, nematodes, plant diseases, mechanism of action of fungicides, mineral nutrition of plants, and identification of plants, including poisonous ones.

HOLDINGS: 17,500 plant specimens; 50,000 books; 1,000 periodicals; 3,000 slides; motion pictures, maps, charts.

PUBLICATIONS: Reports, scientific articles in appropriate journals.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; identifies plant specimens; makes referrals; permits onsite use of literature collection. A fee may be charged for extensive services.

Department of Dairy Science

1918 University of Maryland
College Park, Md. 20742
Tel: (301) 454-3926

AREAS OF INTEREST: Dairy cattle and related animals, including aspects of nutrition, physiology, genetics, and management; physical and chemical characteristics and flavor and consumer acceptability of milk and all dairy products.

PUBLICATIONS: Scientific and technical articles reporting research results; fact sheets for extension and educational use.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services.

Health Sciences Library

1919 University of Maryland
111 South Green St.
Baltimore, Md. 21201
Tel: (301) 955-7996

AREAS OF INTEREST: Medicine; dentistry; pharmacy; nursing; social work.

HOLDINGS: 48,000 books; 2,384 serial subscriptions.

INFORMATION SERVICES: Provides duplication services; makes interlibrary loans.

Institute of International Medicine

1920 University of Maryland School of Medicine
660 West Redwood St.
Baltimore, Md. 21201
Tel: (301) 955-7550, 955-7551, or 955-7987

AREAS OF INTEREST: Infectious diseases, particularly those with a tropical distribution; immunology of tropical diseases; chemotherapy and its side effects; epidemiology and distribution of infectious diseases with particular reference to Pakistan.

HOLDINGS: Reports, project records, graphs, tables, punched cards, maps, charts, motion pictures, slides, photos, data, newsletters.

PUBLICATIONS: Annual report, scientific papers.

INFORMATION SERVICES: Answers inquiries; makes referrals.

Laboratory of Psychopharmacology

1921 University of Maryland
Zoology-Psychology Bldg.
College Park, Md. 20742
Tel: (301) 454-3301

AREAS OF INTEREST: Psychopharmacology; effects of drugs on behavior of lower organisms; conditioning and learning.

HOLDINGS: Small collection of books and reviews.

PUBLICATIONS: Reports, reviews.

INFORMATION SERVICES: Answers inquiries (free to Government and nonprofit users).

Maryland Agricultural Experiment Station

1922 University of Maryland
College Park, Md. 20742
Tel: (301) 454-3707

AREAS OF INTEREST: Agriculture and related sciences.

PUBLICATIONS: Popular-type general report (annual); technical reports.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services.

Natural Resources Institute

1923 University of Maryland
Box 38
Solomons, Md. 20688
Tel: (301) 326-4281

AREAS OF INTEREST: Biology of estuaries; fisheries biology (fresh water and salt water); pollution management and ecology in estuaries; processing of marine and estuarine products; provenance and entomological aspects of forestry research; species and population biology of birds and mammals; environmental education.

HOLDINGS: General collection of invertebrates and vertebrates of estuarine origin; histological collections of oysters, soft shell clams, and other species; 10,000 books; 500 periodical titles; 5,000 reports.

PUBLICATIONS: *Chesapeake Science* (quarterly); occasional special reports and articles; papers in scientific journals.

INFORMATION SERVICES: Answers general inquiries; provides advisory services to State and Federal agencies.

School of Dentistry

Department of Pathology

1924 School of Dentistry
University of Maryland
666 West Baltimore St.
Baltimore, Md. 21201
Tel: (301) 955-7937

AREAS OF INTEREST: Pathology; carcinogens; cancer.

HOLDINGS: Small collection of books and reports; audiovisual materials; microscopic slides of oral lesions.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals.

Water Resources Research Center

1925 University of Maryland
Shriver Laboratory
College Park, Md. 20742
Tel: (301) 454-3901

AREAS OF INTEREST: Analog computer simulation of water resource regimes; effects of thermal pollution on estuarine waters; reduction of stream pollution from agricultural wastes; improvement of water quality; elimination of sea nettles to improve recreational use of estuarine waters; methods for accelerated biodegradation of detergents.

PUBLICATIONS: Research findings, annual report.

INFORMATION SERVICES: Answers inquiries.

UNIVERSITY OF MASSACHUSETTS

College of Agriculture

Department of Plant and Soil Sciences

1926 College of Agriculture
University of Massachusetts
Amherst, Mass. 01002
Tel: (413) 545-2243

AREAS OF INTEREST: Soil chemistry; soil fertility; soil physics; plant breeding; plant physiology; plant nutrition; growth regulators; herbicides; postharvest physiology; weed control; environmental physiology. The Department's primary concerns relate to horticultural and agronomic crops.

HOLDINGS: 100 periodical titles; reports.

PUBLICATIONS: Bulletins, reprints.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Services are free, except for special consulting services.

Department of Veterinary and Animal Sciences

1927 College of Agriculture
University of Massachusetts
Amherst, Mass. 01002
Tel: (413) 545-2312

AREAS OF INTEREST: Instruction, research, and extension work in genetics, physiology, nutrition, diseases, and management pertaining to large animals and avian species.

PUBLICATIONS: Articles in scientific journals, reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

Department of Entomology

1928 University of Massachusetts
Fernald Hall
Amherst, Mass. 01002
Tel: (413) 545-2283, 545-2284, or 545-2285

AREAS OF INTEREST: Insect development; histology and biology of higher Diptera; carbon dioxide for insect attraction, anesthesia, and metabolic regulation; feeding regulation; ecology of mosquito larvae; pathology of medically important arthropods; evolution; insect photography; population management of apple pests.

HOLDINGS: Extensive insect collection.

INFORMATION SERVICES: Answers inquiries concerning insects, insect control, and pesticide usage and safety.

Institute of Agricultural and Industrial Microbiology

1929 University of Massachusetts
Marshall Hall
Amherst, Mass. 01002
Tel: (413) 545-2288

AREAS OF INTEREST: Soil microbiology; public health bacteriology; microbial physiology; antiseptics and disinfectants; food bacteriology; chemistry and microbiology of waste product disposal; water pollution control; microscopy of water; water bacteriology; irrigation; rivers; streams; detergents in water; biodegradability of pesticides, herbicides, and pollutants.

pamphlets and booklets; 500 books; 500 technical reports; 10,000 punched cards; 5,000 graphs and tables.

PUBLICATIONS: Reports, brochure.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services; permits onsite use of collection.

Massachusetts Agricultural Experiment Station

1930 University of Massachusetts
Amherst, Mass. 01002
Tel: (413) 545-2766

AREAS OF INTEREST: Agricultural and food economics; agricultural engineering; environmental biology; natural resources (use and planning); water pollution; wood technology; recreation resources; agronomy; dairy science; animal science; entomology; plant pathology; food science and technology; forestry; wildlife management; horticulture; agricultural and industrial microbiology; veterinary science; poultry science; farm management.

PUBLICATIONS: Technical reports.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services.

UNIVERSITY OF MIAMI

Laboratory of Virology

1931 University of Miami
P.O. Box 7278
Miami, Fla. 33155

Location:

6125 Southwest 31st St.
Miami, Fla.
Tel: (305) 284-2590

AREAS OF INTEREST: Research in the biological and medical disciplines, including virology, immunology, immunochemistry, congenital defects, and oncology; marine tissue culture and immunology; cytotoxicity of natural and synthetic products in cancer cell cultures; extraction and preparation of potentially cytotoxic substances from invertebrate animals.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: The Laboratory's research findings are published in scientific journals.

consulting and reference services; makes referrals; permits onsite observation of research techniques. Services are available to anyone qualified in the field.

Morton Collectanea

1932 P.O. Box 8204
Coral Gables, Fla. 33124

Location:

University of Miami
Botany Bldg.
Coral Gables, Fla.
Tel: (305) 284-3741

AREAS OF INTEREST: Economic botany, including tropical fruits, medicinal plants, poisonous plants, edible wild plants, and other plants and animals related to human survival; specialized crop information (cashew, aloe).

HOLDINGS: 50,000 subject files; reference library of books, journals, and reports.

PUBLICATIONS: *Wild Plants for Survival in South Florida* (book); *Plants Poisonous to People* (book; also wall charts); papers.

INFORMATION SERVICES: Answers inquiries; provides literature-searching and duplication services for fee to individuals and commercial organizations; makes surveys and investigations and prepares reports on contract basis; conducts illustrated lectures.

School of Marine and Atmospheric Sciences

Library

1933 School of Marine and Atmospheric Sciences
University of Miami
10 Rickenbacker Causeway
Miami, Fla. 33149
Tel: (305) 350-7207

AREAS OF INTEREST: Marine biology; functional biology; physical and chemical oceanography; marine geology and geophysics; ocean engineering; fishery science; atmospheric sciences.

HOLDINGS: About 6,000 books and 800 periodical titles; reports and contributions from marine installations throughout the world; Federal and State Government reports; extensive reprint file.

PUBLICATIONS: *Bulletin of Marine Science of the Gulf and Caribbean* (quarterly); *Studies in Tropical Oceanography* (irregular); *Fauna Caribaea* (irregular).

lar); *Proceedings of the Gulf and Caribbean Fisheries Institute* (annual); annual report. (These are publications of the Institute, not the Library itself).

INFORMATION SERVICES: Answers inquiries; provides reference services; makes interlibrary loans; permits onsite reference.

Facilities include a microfilm reader.

School of Medicine

Department of Obstetrics and Gynecology

1934 School of Medicine
University of Miami
1700 Northwest 10th Ave.
Miami, Fla. 33136
Tel: (305) 371-9611 Ext. 574

AREAS OF INTEREST: Obstetrics and gynecology; reproductive physiology, pathology, and medicine; teratology; embryology; reproductive and fetal toxicology; fetal pharmacology; fetal medicine; pesticides; environmental effects on pregnancy.

HOLDINGS: 50,000 reports; 1,000 books; 50 periodical titles; unpublished laboratory and clinical data.

PUBLICATIONS: Reports, critical reviews, bibliographies.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Services are provided at cost.

Department of Pharmacology

1935 University of Miami School of Medicine
P.O. Box 875
Biscayne Annex
Miami, Fla. 33152

Location:
1600 Northwest 10th Ave.
Miami, Fla.
Tel: (305) 350-6643

AREAS OF INTEREST: Pharmacology; cardiovascular pharmacology; clinical pharmacology; urinary bladder carcinogens; organic and inorganic chemicals in general; phase I, II, and III studies on new drugs in man.

HOLDINGS: Small collection of books and periodicals.

PUBLICATIONS: Reports, critical reviews, books.

INFORMATION SERVICES: Provides consulting services to any interested organization.

Library

1936 University of Miami School of Medicine
P.O. Box 875
Miami, Fla. 33152

Location:

1600 Northwest 10th Ave.
Miami, Fla.
Tel: (305) 350-6403

AREAS OF INTEREST: Medicine.

HOLDINGS: 78,000 volumes; 1,695 periodical titles; 5,621 pamphlets; clippings.

PUBLICATIONS: *List of Periodical Subscriptions* (annual); *University of Miami School of Medicine Library Acquisitions List* (quarterly); *University of Miami Medical Library Guide*; *MEDLIB* (occasional news bulletin); annual report.

INFORMATION SERVICES: Answers inquiries; provides reference, literature-searching, and limited translation services; provides duplication services for fee; makes direct and interlibrary loans; permits onsite use of collection. Services are available to health sciences personnel.

UNIVERSITY OF MICHIGAN

Clinical Research Unit

1937 University of Michigan Medical Center
University Hospital
Ann Arbor, Mich. 48104
Tel: (313) 764-3240

AREAS OF INTEREST: Metabolic disease; adrenal pathophysiology; inborn errors of amino acid metabolism; cardiovascular-renal disease; mineral, electrolyte, vitamin, and other nutritional deficiencies.

PUBLICATIONS: Journal articles, reports.

INFORMATION SERVICES: Answers inquiries.

Cooperative Information Center for Hospital Management Studies

1938 University of Michigan
2210 School of Public Health
109 South Observatory
Ann Arbor, Mich. 48104
Tel: (313) 764-1380

AREAS OF INTEREST: Management and planning of hospitals, nursing homes, and other health care facilities, including design and construction, en-

insurance; computer applications in hospitals; measurement of quality and effectiveness of organized medical care.

HOLDINGS: 8,500 studies and reports; special hospital administration library of 3,000 volumes and 125 periodicals.

PUBLICATIONS: *Abstracts of Hospital Management Studies* (quarterly, with annual cumulative volume).

INFORMATION SERVICES: Answers inquiries; provides bibliographical-searching services.

Department of Anesthesiology

1939 University of Michigan Medical Center
University Hospital
Ann Arbor, Mich. 48104
Tel: (313) 764-2212

AREAS OF INTEREST: Anesthesiology; anesthetics; analgesics; sedatives; respiratory care.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Services are provided at cost to all users.

Department of Zoology and Center for Human Growth and Development

Amphibian Facility

1940 Department of Zoology and Center for Human Growth and Development
University of Michigan
Ann Arbor, Mich. 48104
Tel: (313) 764-1471 or 764-7104

AREAS OF INTEREST: All aspects of the care, use, breeding, maintenance, pathology, and biology of anuran or urodele amphibians of potential use as laboratory research animals.

HOLDINGS: 6,000 amphibians representing 12 or more species and numerous genetically defined strains, especially *Rana pipiens*.

PUBLICATIONS: Research reports in scientific journals; bibliography (available on request).

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and literature-searching services; conducts training programs for potential users of amphibians; conducts experiments; provides speakers (transportation costs and an honorarium are requested); conducts tours. A price list describing available animals and services is available. Services are primarily for professional biologists.

Medical Center Library

1941 University of Michigan
4400 Kresge Medical Research Bldg.
Ann Arbor, Mich. 48104
Tel: (313) 764-1210

AREAS OF INTEREST: Medicine, including basic sciences, clinical medicine, nursing, and the history of medicine.

HOLDINGS: 185,000 books and bound periodicals.

INFORMATION SERVICES: Provides MEDLARS search service for the State of Michigan (*Tel:* 763-3136 or 763-3137); provides duplication services; makes interlibrary loans.

Michigan Memorial-Phoenix Project

1942 University of Michigan
North Campus
Ann Arbor, Mich. 48105
Tel: (313) 764-5298 Ext. 406N

AREAS OF INTEREST: Peaceful uses of nuclear energy in the physical, life, and social sciences; reactor design and construction; radiation utilization and effects; nuclear physics and chemistry; thermonuclear research.

HOLDINGS: 10,000 books; 100 periodicals; 50,000 reports; data. The Phoenix Library is a depository for Atomic Energy Commission publications.

PUBLICATIONS: Technical reports, annual report, articles for the general public, and specific reports available to industry and educational groups.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides reference and duplication services, primarily to University personnel; makes interlibrary loans (excluding journals); provides consulting services through the Office of Director; permits onsite use of literature collection; performs radiation measurements and activation analysis.

Facilities include a 2 megawatt research reactor, two cobalt-60 sources, and other radiation facilities.

Museum of Paleontology

1943 University of Michigan
Washtenaw and North University Aves.
Ann Arbor, Mich. 48104
Tel: (313) 663-1511 Ext. 2441

AREAS OF INTEREST: Morphologic, taxonomic, and stratigraphic aspects of fossil vertebrates, inver-

tebrates, and plants; identification and classification of fossils from well cores and outcrops; location of mineral resources.

HOLDINGS: 100,000 classified fossils; 500 journal titles; books, Government reports, data.

PUBLICATIONS: *Contributions from the Museum of Paleontology* (irregular).

INFORMATION SERVICES: The Museum answers technical inquiries, performs literature searches, and for a fee makes recommendations to industrial organizations regarding the locating and exploitation of mineral deposits. Bona fide investigators may examine the fossil collections and have direct access to the Museum's library. Books are available on inter-library loan.

Museum of Zoology

1944 University of Michigan
Ann Arbor, Mich. 48104
Tel: (313) 764-0476

AREAS OF INTEREST: Zoological systematics and evolutionary biology; mammalogy; ornithology; herpetology; ichthyology; malacology; entomology, especially Odonata, Orthoptera, and Homoptera; zoogeography; comparative animal behavior; bioacoustics; community ecology.

HOLDINGS: Over 6.5 million zoological specimens; books, periodicals, reports, data.

PUBLICATIONS: *Miscellaneous Publications and Occasional Papers* (2 or 3 issues a year).

INFORMATION SERVICES: Answers inquiries; provides consulting services by arrangement; permits onsite use of collections by qualified students.

School of Public Health

Department of Industrial Health

TOXICOLOGY LABORATORY

1945 Department of Industrial Health
School of Public Health
University of Michigan
Ann Arbor, Mich. 48104
Tel: (313) 764-5430

AREAS OF INTEREST: General toxicology, including the use of iso-enzymes in detecting organ damage, potentiation mechanisms, microsomal enzyme systems and enzyme induction, toxicity and physiological effect of substituted ethanolamines, pesticide concentrating mechanisms in the environment, and immunological response to toxic agents.

HOLDINGS: Small collection of books and journals.

INFORMATION SERVICES: Answers inquiries; makes referrals.

Unit for Laboratory Animal Medicine

1946 University of Michigan
Ann Arbor, Mich. 48104
Tel: (313) 764-0277

This academic Unit is responsible for professional services, teaching, and research dealing with the use and care of animals at the University. Approximately 50,000-60,000 vertebrates, representing all five vertebrate classes, are in use daily.

AREAS OF INTEREST: Laboratory animal science.

HOLDINGS: Over 4,000 photographic slides; over 4,000 reprints on laboratory animal problems; histological slides on more than 2,500 laboratory animal necropsies; a moderately large collection of books and periodicals on laboratory animal subjects.

INFORMATION SERVICES: Answers inquiries free to the extent that time permits; provides consulting services free or for fee, depending on the specific services requested.

University Herbarium

1947 University of Michigan
North University Bldg.
Ann Arbor, Mich. 48104
Tel: (313) 764-2407

AREAS OF INTEREST: All groups of plants, with special reference to fungi and bryophytes of temperate North America, pteridophytes of the world, marine algae, and flowering plants of the Great Lakes region, of Mexico, and of tropical America.

HOLDINGS: About 1.2 million specimens, of which two-thirds are vascular plants and about one-sixth are fungi.

PUBLICATIONS: *Contributions from the University of Michigan Herbarium* (irregular).

INFORMATION SERVICES: Provides limited identification service on specimens of interest to the various research programs; permits onsite reference to classified collections by qualified investigators; lends specimens by arrangement.

UNIVERSITY OF MINNESOTA

College of Pharmacy

1948 University of Minnesota
203 Appleby Hall
Minneapolis, Minn. 55455

Activities of the College of Pharmacy are supported, in part, by the U.S. Public Health Service.

AREAS OF INTEREST: Pharmacy, including pharmacology and pharmacognosy; medical and pharmaceutical chemistry; hospital pharmacy; drug identification and description; side effects of drugs; medical botany; therapeutics; toxicology; biochemistry; medicine; pharmacy administration.

HOLDINGS: 14,695 books and journals, including historical books in pharmacy; drug indexes (foreign and experimental).

INFORMATION SERVICES: Answers inquiries; provides reference and duplication services for fee; makes interlibrary loans.

College of Veterinary Medicine

Department of Veterinary Physiology and Pharmacology

1949 College of Veterinary Medicine
University of Minnesota
St. Paul, Minn. 55101
Tel: (612) 647-3657 or 647-3537

AREAS OF INTEREST: Veterinary physiology, pharmacology, and biochemistry.

PUBLICATIONS: Reports, bulletin, journal articles.

INFORMATION SERVICES: Answers inquiries.

Diabetes Literature Retrieval Project; Diabetes Information Center

1950 University of Minnesota
Department of Anatomy
262 Jackson Hall
Minneapolis, Minn. 55455
Tel: (612) 373-2603 or 373-5323

Sponsored by the National Institute of Arthritis and Metabolic Diseases of the National Institutes of Health, the Project's mission is to provide an information service for diabetes research investigators and medical practitioners concerned with the treatment of diabetes.

AREAS OF INTEREST: Diabetes, including the related basic medical sciences (anatomy, biochemistry, microbiology, pathology, physiology, and pharmacology), clinical research, teaching, and the applied areas related to the treatment of diabetic patients.

HOLDINGS: Magnetic tapes containing the Diabetes Literature Index (Key Word in Title and Author) are available for searching for the period 1960 to

present. Microfilm copies of approximately two-thirds of the diabetes related literature for the period 1960 through 1969 are available as unit document records (microfiche or aperture card format).

PUBLICATIONS: A monthly Current Awareness Bulletin derived from the National Library of Medicine's MEDLARS tapes, with an annual cumulative index.

INFORMATION SERVICES: The Current Awareness Bulletin is available free to National Institutes of Health grantees and contractors working in the field of diabetes and to libraries of medical schools. Other individuals and libraries may receive the Bulletin from the Superintendent of Documents by subscription. A Personalized Alerting Service, based on a specified research interest profile, is provided to Minnesota diabetes research investigators. This Service is expected soon to be offered on a fee basis to outside research investigators and physicians involved in the delivery of health care. By January 1972, the Diabetes Literature magnetic tapes will be compatible with those of the other major abstracting services; abstracts will be available to users as computer printouts and more detailed searching of the abstracts will be possible on the basis of key words in the abstracts.

Dight Institute for Human Genetics

1951 University of Minnesota
Zoology Bldg., Room 10
Minneapolis, Minn. 55414
Tel: (211) 332-8158

AREAS OF INTEREST: Human and medical genetics, including family characteristics, mental retardation, mental illness, cerebral palsy, family size, population, and genetic aspects of breast cancer.

HOLDINGS: Extensive collection of family records, some dating from 1800, with follow-up studies on 5-7 generations for some genetic traits; books, journals, pedigree charts.

PUBLICATIONS: *Dight Institute Bulletin* (biennial); pamphlets, reviews, books.

INFORMATION SERVICES: Answers technical inquiries; provides reference, consulting, and counseling services; lends materials; permits onsite use of collection.

The Hormel Institute

1952 801 16th Ave. NE.
Austin, Minn. 55912
Tel: (507) 433-8804

AREAS OF INTEREST: Chemistry and biochemistry of lipid materials; lipid metabolism; role played by fats in nutrition and atherogenesis; fat absorption; oxidation reactions; antioxidants; drying oils.

HOLDINGS: About 4,000 books and journals; research data.

PUBLICATIONS: Technical reports, annual report.

INFORMATION SERVICES: Answers inquiries.

Institute of Agriculture

Department of Information and Agricultural Journalism

1953 University of Minnesota Institute of Agriculture
St. Paul, Minn. 55101
Tel: (612) 373-0710

The Department of Information and Agricultural Journalism conducts a major part of its work through the Agricultural Extension Service, sponsored by the University of Minnesota and the U.S. Department of Agriculture.

AREAS OF INTEREST: Agriculture; forestry; home economics; veterinary medicine; community development.

HOLDINGS: 850 motion pictures; 450 photos; 450 slide sets; newsletters, pamphlets, news releases, bulletins.

PUBLICATIONS: Bulletins, research reports, news releases.

INFORMATION SERVICES: Conducts radio and television programs; distributes single copies of most bulletins free; makes limited referrals; permits onsite use of collection.

Soil Testing Laboratory

1954 Institute of Agriculture
University of Minnesota
St. Paul, Minn. 55101
Tel: (612) 373-1051

AREAS OF INTEREST: Estimation of nutrient availability in soils by means of chemical analyses; determination of quality of agricultural liming materials; use of commercial fertilizers and liming materials.

PUBLICATIONS: Reports, descriptions of testing procedures, bulletins, fact sheets.

INFORMATION SERVICES: Answers inquiries; provides consulting services; tests soil samples for fee. Services are primarily for Minnesota farmers, homeowners, and florists.

James Ford Bell Museum of Natural History

1955 University of Minnesota
17th St. and University Ave. SE.
Minneapolis, Minn. 55455
Tel: (612) 373-2423

AREAS OF INTEREST: Ornithology; mammalogy; ichthyology; herpetology; paleontology; systematics; animal behavior; ecology.

HOLDINGS: Exhibits of Minnesota wildlife habitats; special research collections; 17,000 slides (35mm); a library of 5,000 books, over 1,000 periodical titles, motion pictures, reports, and records.

PUBLICATIONS: Research reports, motion pictures, slides.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and literature-searching services; makes referrals and interlibrary loans; makes direct loans of slides, records, and tapes; furnishes portable exhibits to local schools; conducts tours; presents movies and lectures; permits onsite use of literature and research collections by qualified scientists and others by arrangement. The Museum is open to the public.

Minnesota Agricultural Experiment Station

1956 University of Minnesota
St. Paul Campus
St. Paul, Minn. 55101
Tel: (612) 373-0751

AREAS OF INTEREST: Agricultural production; home economics; forestry; agricultural economics; rural sociology; veterinary medicine.

PUBLICATIONS: *Minnesota Science* (quarterly); General and Technical Series Bulletins.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services; sponsors seminars, conferences, and workshops.

Branch stations are located at Waseca, Lamberton, Morris, Crookston, Rosemount, and Grand Rapids, Minn.

University of Minnesota Library

1957 Minneapolis, Minn. 55455
Tel: (612) 373-3097

AREAS OF INTEREST: Bacteriology; medicine; botany; zoology, including economic zoology; nursing; dentistry; chemistry; chemical, mechanical, civil, and electrical engineering; geology; geography;

including history of pharmacy; agriculture; biochemistry; entomology; forestry; veterinary medicine; meteorology; wildlife conservation.

HOLDINGS: 510,000 books and journals; reports, maps, microfilm. The collections are maintained in separate service units. Those located on the Minneapolis Campus are the Biomedical Library (includes medicine, botany, zoology, nursing, and dentistry), Chemistry Library, Geology Library, Map Library, Engineering Library, Mines, Metallurgy, and Chemical Engineering Library, Mathematics Library, Physics Library, and Pharmacy Library. Those located on the St. Paul Campus are the Agriculture Library, Biochemistry Library, Entomology Library, Forestry Library, Plant Pathology Library, and Veterinary Medicine Library.

INFORMATION SERVICES: Makes interlibrary loans to out-of-town scholars; permits onsite reference.

Water Resources Research Center

1958 University of Minnesota
Hubbard Bldg., Room 107
2675 University Ave.
St. Paul, Minn. 55114
Tel: (612) 646-6309

AREAS OF INTEREST: Aeration; aquatic biology; aquatic ecology; aqueous solutions; aquifers; canals; chlorination; corrosion; dams; detergents in water; docks; droughts; erosion; eutrophication; evaporation; evapotranspiration; fish diseases; fishkills; floods and flood control; fluid mechanics; fluoridation; water gaging; glaciology; ground water and ground-water recharge; hydraulics; hydrodynamics; hydrogeology; hydrometeorology; hydrostatics; ice and icing; water instrumentation; irrigation; lakes; limnology; water pollution control and abatement; sources and effects of pollution; precipitation; rain and rainfall; reservoirs; rivers; runoff; saline tolerance of crops; sedimentation; sewage treatment; sewers and sewerage; snow; soil-water relationships; solutes and solutions; storms; streamflow; subsurface engineering; industrial, municipal, and radioactive wastes; waste treatment; waste water; water analysis; water chemistry; water conservation; water cycle; water distribution; water economics; water law; water measurement; water microbiology; water purification; water quality; water reclamation; water requirements and projections; water resources information systems, legislation, management, manpower, planning, publications, and research; water reuse; water rights; watersheds; water supply en-

vironmental water supply; water treatment; agricultural, industrial, municipal, recreational, and rural water use; waterways; wells.

HOLDINGS: The Center's collection of books, journals, abstract literature, newsletters, reprints, pamphlets, and clippings is maintained by the University Library.

PUBLICATIONS: Circulars and Bulletins containing current information on State and national water resources research (available free on request).

INFORMATION SERVICES: Provides literature references and assistance in locating bibliographic materials; provides advisory services; makes referrals; permits onsite use of library collection.

UNIVERSITY OF MISSISSIPPI

Department of Pharmacology and Toxicology

1959 University of Mississippi Medical Center
2500 North State St.
Jackson, Miss. 39216
Tel: (601) 362-4411 Ext. 346 or 347

AREAS OF INTEREST: Pharmacology; toxicology, including forensic toxicology; drug analysis; drug metabolism; pesticides; spectrofluorometry of drugs; narcotics; sedatives.

HOLDINGS: 10,000 books; 150 periodical titles.

INFORMATION SERVICES: Answers brief inquiries; provides analytical services.

Research Institute of Pharmaceutical Sciences

1960 School of Pharmacy
University of Mississippi
University, Miss. 38677
Tel: (601) 232-7484 or 232-7311

AREAS OF INTEREST: Pharmacognosy; marine biology; pharmacology; medicinal chemistry; computer applications in the biomedical sciences, health sciences, and marketing.

HOLDINGS: Special reports and reviews.

PUBLICATIONS: Articles in technical journals, particularly those related to the health sciences.

INFORMATION SERVICES: Answers inquiries; provides consulting services; prepares analyses; makes referrals.

The Institute has facilities for mass spectrometry with gas chromatography attached for drug identification, behavioral pharmacology testing facilities with computerization of data, and complete instrumentation.

UNIVERSITY OF MISSOURI AT COLUMBIA

Missouri Agricultural Experiment Station

1961 University of Missouri
Columbia, Mo. 65201
Tel: (314) 449-9301

AREAS OF INTEREST: General agriculture; home economics; forestry; veterinary medicine.

PUBLICATIONS: *Missouri Farm News Service* (weekly); technical reports and research bulletins (a list of research bulletins is available).

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services.

School of Forestry

1962 1-30 Agriculture Bldg.
University of Missouri
Columbia, Mo. 65201
Tel: (314) 449-9271

AREAS OF INTEREST: Forest management for timber, water, recreation, and other appropriate uses of forest lands; silvics; silviculture; tree physiology; forest soils, pathology, entomology, genetics, and ecology; wood technology; forest products; photography; forest economics and marketing.

HOLDINGS: Collection of books, journals, technical reports, project records, photos, slides, abstracts, indexes, reprints, bibliographies, pamphlets, and data compilations.

PUBLICATIONS: Technical bulletins and guide sheets, pamphlets, reprints.

INFORMATION SERVICES: Answers inquiries; makes referrals; makes interlibrary loans; permits onsite use of collections.

UNIVERSITY OF MISSOURI AT KANSAS CITY

Medical Library at Kansas City General Hospital and Medical Center

1963 University of Missouri

24th and Cherry Sts.
Kansas City, Mo. 64108
Tel: (816) 421-8060 Ext. 277

AREAS OF INTEREST: Medicine; surgery; nursing; health sciences.

HOLDINGS: 50,000 volumes; over 700 subscriptions to medical serials.

INFORMATION SERVICES: Provides reference and circulation services to all health science personnel in the Greater Kansas City area; makes interlibrary loans.

Technological Information Center

1964 University of Missouri
5109 Cherry St.
Kansas City, Mo. 64110
Tel: (816) 276-1460

AREAS OF INTEREST: Science and technology (excluding clinical medicine and surgery); mathematics; astronomy; physics; chemistry; geology; biological sciences; engineering and applied science.

HOLDINGS: The Center is located in the Linda Hall Library building and uses the collections of that Library. (See entry for Linda Hall Library for a description of its holdings.)

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting, reference, literature-searching, abstracting, and translation services. To a limited extent, services are free to Missouri users; all others are charged a fee.

UNIVERSITY OF MISSOURI AT ST. LOUIS

School of Medicine

Department of Psychiatry

MISSOURI INSTITUTE OF PSYCHIATRY

1965 5400 Arsenal St.
St. Louis, Mo. 63139
Tel: (314) 644-2400 Ext. 2317 or 2516

AREAS OF INTEREST: Biological psychiatry; psychopharmacology; neurophysiology; neuropsychiatry; biomedical aspects of mental disease; computer applications in psychiatry and neurophysiology.

HOLDINGS: 10,000 volumes; 390 periodical subscriptions.

PUBLICATIONS: Psychiatric Research Foundation Reports (irregular); annual report.

INFORMATION SERVICES: Answers inquiries; makes interlibrary loans; permits onsite use of collection. Services are primarily for Institute personnel and psychiatric personnel in Missouri.

UNIVERSITY OF MONTANA

Biological Station

1966 University of Montana
Missoula, Mont. 59801
Tel: (406) 243-5141

Summer address:

University of Montana
Yellow Bay, Flathead Lake
Bigfork, Mont. 59911
Tel: (406) 982-3201

AREAS OF INTEREST: Limnology; aquatic biology and microbiology; water pollution; pesticide bioassays and chromatographic analyses; eutrophication; hydrogeology; phycology; mammalogy; ornithology; vascular flora; mycology; ecology.

HOLDINGS: 100,000 plant and animal specimens; resident library.

PUBLICATIONS: Reports, bibliographies, articles in professional journals.

INFORMATION SERVICES: Answers inquiries; provides consulting services, usually for fee; provides air and water pollution assays and organism identification; makes referrals.

Facilities include eight research laboratories and 40 cabins for housing academic researchers.

Department of Microbiology

1967 University of Montana
Missoula, Mont. 59801
Tel: (406) 243-4582

AREAS OF INTEREST: General microbiology; immunology; medical microbiology; medical mycology; virology; microbial physiology; microbial genetics; molecular immunology; applied microbiology; clinical microbiology.

HOLDINGS: Extensive collection of books, monographs, journals, periodicals, reprints, and reports.

PUBLICATIONS: Occasional research publications, reports, theses, dissertations.

INFORMATION SERVICES: Provides consulting services to schools, professional organizations, and local, State, and Federal agencies and committees; examines domestic animals for etiological agents; prepares assays for clostridial toxins and samples water for purity.

Montana Forest and Conservation Experiment Station

1968 School of Forestry
University of Montana
Missoula, Mont. 59801
Tel: (406) 243-2211

AREAS OF INTEREST: Forestry; wood technology; wildlife; range management; hydrology; soil and water conservation; forest economics; entomology; fire science; resource management; recreation.

HOLDINGS: About 4,900 books, 30,000 bulletins, pamphlets, etc., and 230 journals; samples of tree cores, woods, plants, insects, and soils.

PUBLICATIONS: Bulletins, research notes, special publications, Lubrecht series (all irregular); accessions lists (3 a year).

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services; provides analytical, testing, and identification services in wood technology.

School of Pharmacy

1969 University of Montana
Missoula, Mont. 59801
Tel: (406) 243-4621

AREAS OF INTEREST: Pharmacy, including pharmacology and pharmacognosy; toxicology; drug analysis; pharmacy administration; radiopharmacology; tissue culture.

HOLDINGS: 1,632 books; 102 periodical titles; 740 reports.

INFORMATION SERVICES: Answers inquiries; provides reference services; provides drug analysis services to official agencies; lends printed materials.

UNIVERSITY OF NEBRASKA

College of Medicine

Eugene C. Eppley Institute for Research in Cancer and Allied Diseases

1970 College of Medicine
University of Nebraska
42d and Dewey Aves.
Omaha, Nebr. 68105
Tel: (402) 536-4092

AREAS OF INTEREST: Carcinogenesis by chemicals in the environment (detection of carcinogens, bioassay of suspect materials for carcinogenicity); pathology, biochemistry, and cell biology of tumor induction and tumor development; carcinogenesis by viruses; development of animal models for studying common human cancers.

HOLDINGS: 950 volume library.

PUBLICATIONS: Reports in cancer, pathological, and biochemical journals. A publications list is available.

INFORMATION SERVICES: Provides consulting services on limited basis.

Facilities include a farm for animal breeding, instruments for analytical chemistry (mass spectrometer, NMR, ultraviolet, and infrared spectrometers, scintillation counter, gas chromatographs), two electron microscopes, histology service, and photographic facilities.

UNIVERSITY OF NEVADA

Allie M. Lee Cancer Research Laboratory

1971 Division of Biochemistry
University of Nevada
Reno, Nev. 89507
Tel: (702) 784-6911

AREAS OF INTEREST: Cancer research; cancer chemotherapy; biochemistry; toxicology, including clinical toxicology; malignant neoplasms; pollution and pollution mechanisms; crop damage; radioactive fallout; radioactive waste disposal; effect of pesticides on alfalfa and alfalfa storage; metabolism and toxicity of drugs and pesticides; analysis of toxic compounds, narcotics, and hallucinogens; chemical carcinogenesis.

HOLDINGS: 5,000 books; 1,000 reports. The Laboratory also uses the collections of the University Library.

PUBLICATIONS: Reports, reviews, bibliographies, standards, specifications.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Services are provided free, unless they are extensive.

Biology Museum and Research Laboratories

1972 Department of Biology
University of Nevada
Reno, Nev. 89507
Tel: (702) 323-2081

AREAS OF INTEREST: Taxonomy of Nevada flora and fauna, including angiosperms, gymnosperms, birds, reptiles, amphibians, fishes, insects, and invertebrates; electron microscopy and desert ecology research; biology; botany; zoology; natural history.

HOLDINGS: A collection of 85,000 specimens, including an herbarium; reports, data, nonprinted material.

PUBLICATIONS: Research reports.

INFORMATION SERVICES: Provides reference and consulting services to professional personnel without charge.

Desert Research Institute

1973 University of Nevada
Reno, Nev. 89507
Tel: (702) 784-6131

AREAS OF INTEREST: Hydrology; atmospheric physics; climatology; geochemistry; biochemistry; chemistry; biology; X-ray spectrographic analysis; ecology; botany; computer science.

PUBLICATIONS: News bulletin, reports.

INFORMATION SERVICES: Answers inquiries; conducts research and provides consulting services on a grant or contract basis.

In addition to its laboratory facilities, the Institute administers the Charles and Henriette Fleischmann Atmospherium-Planetarium, in which lapsed-time photographs of the entire sky are projected on a dome for accelerated, dynamic portrayal of typical and extreme atmospheric conditions.

Center for Water Resources Research

1974 Desert Research Institute
University of Nevada
Water Resources Bldg.
Reno, Nev. 89507
Tel: (702) 784-6955

AREAS OF INTEREST: All aspects of water resources, particularly as related to water in arid and semiarid lands; water supply; water quality; water chemistry; water storage; water use; precipitation; ground-water management; runoff; streams; basins;

watersheds; evaporation control; hydrology; hydrogeology; drainage; recreational use of water; plant-water relationships; conjunctive use of surface and ground water; ground-water flow systems in Nevada.

HOLDINGS: 3,000 volumes on botany, water, geology, and physics.

PUBLICATIONS: Technical reports, project reports, brochure.

INFORMATION SERVICES: Answers inquiries; provides consulting services; permits onsite use of literature collection.

Laboratory of Environmental Pathophysiology

1975 Desert Research Institute
University of Nevada System
Date and Elm Sts.
Boulder City, Nev. 89005
Tel: (702) 293-1033

AREAS OF INTEREST: Physiological responses of man, burro, and kangaroo rat to desert heat; physiological responses of man to environmental stress (heat, altitude) as related to age.

PUBLICATIONS: Scientific papers in the *Journal of Applied Physiology* and other publications (a list is available).

INFORMATION SERVICES: Permits onsite use of facilities by visiting scientists interested in desert biology.

Life and Health Sciences Library

1976 University of Nevada
Fleischmann Agriculture Bldg.
Reno, Nev. 89507
Tel: (702) 784-6616

AREAS OF INTEREST: Biological sciences; agricultural sciences; veterinary medicine; nursing; health sciences.

HOLDINGS: 12,289 books; 15,108 volumes of periodicals; 28,000 U.S. Government publications; 14,000 experiment station documents; 8,500 foreign documents; 650 translations; 3,617 microform units of journal literature.

INFORMATION SERVICES: Answers inquiries; provides reference services; makes interlibrary loans; permits onsite use of literature collection. The Library serves as a center for transmitting health sciences literature throughout the State in photocopy, with the back-up support of the Pacific Southwest Regional Medical Library Service.

Facilities include microform reader-printers and a photocopy machine for public use.

Nevada Agricultural Experiment Station

1977 University of Nevada
Reno, Nev. 89507
Tel: (702) 784-6611

AREAS OF INTEREST: General agriculture; agricultural production and marketing; distribution and utilization of agricultural products; arid land, including deserts and ranches; soils; animal diseases; internal parasites of animals; insect pests; plant diseases; animal and plant breeding; family living; natural resources; biochemistry.

HOLDINGS: Documents received by the Station are housed in the University's Life Science Library.

PUBLICATIONS: *Ranch and Home Review* (semianual); reports.

INFORMATION SERVICES: Services are primarily for farmers; the public is served within the limits of time available.

Renewable Natural Resources Herbarium

1978 University of Nevada
RNR 31
920 Valley Rd.
Reno, Nev. 89507
Tel: (702) 784-6763

AREAS OF INTEREST: Botany; plant taxonomy; plants poisonous to livestock.

HOLDINGS: 20,000 plant specimens; 3,000 wood specimens; 50 books.

INFORMATION SERVICES: Answers brief inquiries; provides detailed replies to Nevada stockmen; lends taxonomic collections to specialists; exchanges material with other institutions.

UNIVERSITY OF NEW HAMPSHIRE

Biological Sciences Library

1979 University of New Hampshire
Kendall Hall
Durham, N.H. 03824
Tel: (603) 862-1018

AREAS OF INTEREST: The plant and animal agricultural sciences, including forestry; agricultural

chemistry, including pesticides; biology, including botany, zoology, ecology, genetics, limnology, and microbiology.

HOLDINGS: Approximately 40,000 serial volumes, books, and bulletins. The Library subscribes to over 80 abstracting and indexing services and receives over 1,000 journals regularly.

INFORMATION SERVICES: Provides reference and consulting services; makes interlibrary loans; permits onsite use of collection. New Hampshire residents may borrow books with a State Library Card or upon payment of a small fee.

A coin-operated photocopier is available in the Library.

Department of Botany

1980 University of New Hampshire
Nesmith Hall
Durham, N.H. 03824
Tel: (603) 868-5511 Ext. 251

AREAS OF INTEREST: Systematic botany; phycology (both marine and fresh water); plant and cellular physiology; cell biology; ecology; plant pathology; plant anatomy and morphology.

HOLDINGS: Herbarium of about 70,000 specimens; a biological library with more than 50,000 volumes and about 70 journals.

PUBLICATIONS: Papers in professional journals.

INFORMATION SERVICES: Faculty provides consulting services to State agencies and citizen groups, particularly in the areas of conservation and environmental preservation.

Facilities include research space in the University's Estuarine Laboratory, the use of several University-owned natural areas throughout the State, well equipped laboratories, dark rooms, culture chambers, and the use of one and a half greenhouse wings and a new multi-chambered phytotron.

Institute of Natural and Environmental Resources

1981 University of New Hampshire
Durham, N.H. 03824
Tel: (603) 862-1020

AREAS OF INTEREST: Forest resource management; forest genetics and biology; resource economics; wildlife management; wood technology; soil science; hydrology; community development.

PUBLICATIONS: Research reports, resource newsletter.

INFORMATION SERVICES: Answers inquiries; provides consulting services and community planning assistance; provides extension services to landowners in New Hampshire; makes referrals. Fees may be charged for some services.

New Hampshire Agricultural Experiment Station

1982 University of New Hampshire
Durham, N.H. 03824
Tel: (603) 862-1450

AREAS OF INTEREST: Plant and animal science; forestry; home economics; natural and environmental resources; basic life sciences.

PUBLICATIONS: *New Hampshire Progress Report* (irregular).

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services as time and staff permit.

Water Resources Research Center

1983 University of New Hampshire
Durham, N.H. 03824
Tel: (603) 862-2144

AREAS OF INTEREST: Conservation of water resources in New Hampshire; hydrology; surface waters; toxicology; water quality; water chemistry.

PUBLICATIONS: Bulletins, professional journals, annual report.

INFORMATION SERVICES: Answers brief inquiries; makes referrals.

UNIVERSITY OF NEW MEXICO

College of Pharmacy

1984 University of New Mexico
Albuquerque, N. Mex. 87106
Tel: (505) 277-2535

AREAS OF INTEREST: Pharmacy, including pharmacology (drug effects, toxicology), pharmacognosy, and pharmaceutical chemistry.

HOLDINGS: Small collection of books, periodicals, and reports.

INFORMATION SERVICES: Answers inquiries; makes referrals.

1985 University of New Mexico
Albuquerque, N. Mex. 87106
Tel: (505) 277-2614

AREAS OF INTEREST: Flora and fauna of the Southwestern United States, with emphasis on New Mexico species.

HOLDINGS: Several thousand plant and animal specimens.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Identifies specimens free.

UNIVERSITY OF NORTH CAROLINA

Institute of Marine Sciences

1986 University of North Carolina
Box 629
Morehead City, N.C. 28557
Tel: (919) 726-6841

AREAS OF INTEREST: Life history, taxonomy, and ecology of marine invertebrates, fishes, and fungi; oceanography of estuarine areas; ecosystems of salt-water ponds; pesticide monitoring; underwater acoustics; rearing of marine invertebrates; meristic structures of fishes.

HOLDINGS: 4,000 slides and 2,000 herbarium specimens of marine fungi; 2,200 cataloged series of mollusks; 4,300 cataloged lots of about 65,000 fishes; 2,150 cataloged lots of crustaceans; macroplankton collections from 1,000 stations; specialized library of 1,200 books, 150 periodical titles, 16,000 reprints, estuarine bibliography, coastal charts, and topographic maps.

PUBLICATIONS: Papers published in scientific journals.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; provides identification of marine and estuarine species; makes inter-library loans; permits onsite reference.

UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL

Department of Environmental Sciences and Engineering

1987 School of Public Health
University of North Carolina

AREAS OF INTEREST: Sanitary engineering, including water supply, waste water disposal, and air quality; water resources planning; air and water pollution control; environmental chemistry; environmental biology; environmental health management; food protection; occupational health and industrial hygiene; radiation health physics.

HOLDINGS: Books, periodicals, reports.

PUBLICATIONS: *Water Supply and Sanitation in Developing Countries* (irregular serial); newsletter (quarterly).

INFORMATION SERVICES: Answers inquiries; provides consulting services for fee if warranted.

Department of Health Education

1988 School of Public Health
University of North Carolina
Chapel Hill, N.C. 27514
Tel: (919) 966-1058

AREAS OF INTEREST: Public health education and administration, including the work of the professional public health educator, trends and current research in public health education, local, state, regional, national, and international programs, health agencies, health programs in educational institutions, industrial and agricultural health programs, and communications and public relations; alcohol studies; gerontology.

HOLDINGS: A comprehensive library collection on public health education and administration.

PUBLICATIONS: *Health Educators at Work* (annual).

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services by individual staff members on fee or contract basis; provides short lists of literature citations in response to specific inquiries; permits onsite use of collection.

Health Sciences Library

1989 University of North Carolina
Chapel Hill, N.C. 27514
Tel: (919) 966-2112 (Reference)
(919) 966-4547 (Circulation)

AREAS OF INTEREST: Medicine; dentistry; nursing; public health; pharmacy; pharmacology; physical therapy; history of the various health sciences; medical and dental technology; paramedical subjects; environmental sciences; air and water pollution; sanitation and sanitary engineering; parasitology;

1990

anatomy; biochemistry; pathology; behavioral sciences; population studies; child development.

HOLDINGS: 45,000 books; 80,000 bound journals; 2,000 periodical titles currently received; 8,000 pamphlets; a special collection of commemorative biomedical medals; reports, films, audio tapes.

INFORMATION SERVICES: Answers inquiries; provides reference, literature-searching (including MEDLARS searches), consulting, and duplication services; makes interlibrary loans; makes direct loans to health personnel within the State; permits onsite use of collection.

UNIVERSITY OF NORTH DAKOTA

Ireland Research Laboratory

1990 University of North Dakota Medical School
Grand Forks, N. Dak. 58201
Tel: (701) 777-3937

AREAS OF INTEREST: Drugs, including oral hypoglycemic agents, cholesterol blood lowering agents, and hormones; enzymes; lipids; metabolism; viruses; histochemistry; intermediate growth development; natural products.

HOLDINGS: 25,000 books; 100 periodical titles.

PUBLICATIONS: Scientific papers in appropriate journals; research reports.

INFORMATION SERVICES: Answers inquiries; provides reference services; makes referrals; conducts research at cost.

UNIVERSITY OF NOTRE DAME

Lobund Laboratory

1991 Lobund Bldg.
University of Notre Dame
Notre Dame, Ind. 46556
Tel: (219) 284-7564

AREAS OF INTEREST: Germ-free and conventional vertebrates and their use in research on dental caries; host-parasite relationships; radiation effects; nutrition; pathology; immunology; physiology; virology; oncology; gnotobiotics; axenics; population dynamics; experimental surgery; bioengineering; environmental biology; chemotherapy.

HOLDINGS: 35,000 books; 700 periodical titles; reports, data.

UNIVERSITY OF NORTH DAKOTA

PUBLICATIONS: *Bibliography of Germfree Research* (annual); reports, critical reviews.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides reference and consulting services; permits onsite use of collections.

UNIVERSITY OF OKLAHOMA

Department of Environmental Health

1992 University of Oklahoma Medical Center
641 Northeast 15th St.
Oklahoma City, Okla. 73104
Tel: (405) 236-1366 Ext. 661

AREAS OF INTEREST: Physiological effects of exposure to airborne contaminants; isolation and quantitation of air pollutants and active components thereof; physiological effects of exposure to trace metals and trace metal shifts associated with certain disease states and environmental conditions; physiological effects of exposure to airborne carbon black and rubber dust; identification and quantitation of polycyclic aromatics in carbon black and rubber; pesticide intoxication; carbon monoxide intoxication.

HOLDINGS: Small collection of reports.

PUBLICATIONS: Reprints of articles by staff members.

INFORMATION SERVICES: Answers inquiries; provides consulting services on a reimbursement basis.

Medical Center Library

1993 University of Oklahoma
801 Northeast 13th St.
Oklahoma City, Okla. 73104
Tel: (405) 236-1366 Ext. 628

AREAS OF INTEREST: Medicine; dentistry; health; nursing; health related sciences; biological sciences; biochemistry.

HOLDINGS: 85,000 books and bound journals; 2,000 reports; 1,800 current journal subscriptions.

PUBLICATIONS: Monographs and research reports (both irregular).

INFORMATION SERVICES: Answers brief inquiries; provides duplication services; makes interlibrary loans. Reference and literature-searching services are provided only to health professionals in Oklahoma.

Palynology Research Center

1994 Geology Library
University of Oklahoma

AREAS OF INTEREST: Palynology; geology; stratigraphy; morphology; taxonomy; aerobiology.

HOLDINGS: Data on all fields of palynology and some fields related to geology.

INFORMATION SERVICES: Answers technical inquiries; provides literature-searching services. Fees may be charged to industrial users.

Pharmacy Library

1995 Pharmacy Bldg., Room 301
University of Oklahoma
Norman, Okla. 73069
Tel: (405) 325-2112

AREAS OF INTEREST: Pharmacy, including pharmacology, pharmacognosy, and pharmaceutical chemistry; biochemistry; drugs; narcotics; general toxicology and environmental health; methods of analysis and quality control.

HOLDINGS: 5,000 books; 100 periodicals; reports.

PUBLICATIONS: *Sooner Antidote* (quarterly); books, reports.

INFORMATION SERVICES: Answers inquiries; provides reference and literature-searching services; makes interlibrary loans through the University's main library. Services are primarily for University students and faculty, but Library facilities, especially in the areas of drug and narcotic information, are available to the general public.

Science Library

1996 University of Oklahoma
Norman, Okla. 73069
Tel: (405) 325-2441

AREAS OF INTEREST: Botany; plant science; microbiology; zoology; mathematics; biochemistry; anthropology; psychology; psychiatry; plant nutrition; plant pathology; physiology; biology; natural history.

HOLDINGS: Over 75,000 books; 550 periodical titles.

PUBLICATIONS: Bibliographies, reports.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting, reference, literature-searching, and duplication services; makes interlibrary loans; permits onsite use of collection. Services are available to the University community and to scientists and other professionals.

Medical School

Library

1997 University of Oregon Medical School
3181 Southwest Sam Jackson Park Rd.
Portland, Ore. 97201
Tel: (503) 228-9181

AREAS OF INTEREST: Medicine and allied sciences.

HOLDINGS: 128,000 books and bound periodicals; 2,600 current journals and serials.

INFORMATION SERVICES: Provides reference, consulting, and document services; lends materials; permits onsite use of collection. Services are primarily for University students and faculty, physicians, and scientists in the medical and allied fields. Others may have access to the collection upon request.

Museum of Natural History

Herbarium

1998 Museum of Natural History
University of Oregon
Eugene, Ore. 97403
Tel: (503) 686-3033

AREAS OF INTEREST: Plant systematics; biogeography.

HOLDINGS: Over 200,000 plant specimens, including mounted specimens from Oregon, the Pacific Northwest, central and eastern states, the Philippines, Mexico, Central America, and Alaska.

PUBLICATIONS: *Bulletin* (irregular).

INFORMATION SERVICES: Researchers may have access to study specimens on application to the curator.

Oregon Institute of Marine Biology

1999 University of Oregon
Charleston, Ore. 97420
Tel: (503) 888-4297

AREAS OF INTEREST: Marine biology, including marine algae, invertebrate embryology, marine ecology, parasitology, and comparative biochemistry and physiology.

HOLDINGS: 800 books and journals; extensive biological data on Coos Bay estuary.

PUBLICATIONS: *Announcement journal*.

INFORMATION SERVICES: Provides reference services.

University Library

Science Division

2000 University of Oregon Library
Eugene, Ore. 97403
Tel: (503) 686-2378

AREAS OF INTEREST: Science; mathematics and mathematical statistics; astronomy; physics; chemistry; geology; paleontology; palynology; biology; botany; zoology; physiology; health education; physical education; electronics; mining; chemical technology; medicine.

HOLDINGS: 151,000 books; 43,000 bound journals; 600 titles on microcards and microfilms.

INFORMATION SERVICES: Provides reference services; makes interlibrary loans.

UNIVERSITY OF PENNSYLVANIA

Allied Medical Professions Library

2001 University of Pennsylvania
3901 Pine St.
Philadelphia, Pa. 19104
Tel: (215) 594-8512

AREAS OF INTEREST: Physical therapy, occupational therapy, medical technology, and related medical fields.

HOLDINGS: 3,000 books; 250 bound journals; 1,300 reprints; 5,000 papers.

INFORMATION SERVICES: Permits onsite use of collection by special permission. Direct borrowing privileges for circulating items are extended upon approved application to the University's main (Van Pelt) library.

Biology Library

2002 University of Pennsylvania
Leidy Laboratory
38th St. and Hamilton Walk
Philadelphia, Pa. 19104
Tel: (215) 594-8393

AREAS OF INTEREST: General biology; bacteriology; cytology; genetics; ecology; entomology; plant physiology; botany; zoology; anatomy; physiology; parasitology; protozoology; virology.

HOLDINGS: 42,100 bound volumes; 325 periodical subscriptions.

INFORMATION SERVICES: Provides reference and duplication services; makes interlibrary loans; permits onsite use of collection. Direct borrowing privileges are available upon approved application to the University's main (Van Pelt) library.

George S. Cox Medical Research Institute

2003 University of Pennsylvania Hospital
36th and Spruce Sts.
Philadelphia, Pa. 19104
Tel: (215) 662-3165

AREAS OF INTEREST: Research in diabetes mellitus, adipose tissue metabolism, aortic tissue metabolism, and hormonal regulation of carbohydrate metabolism.

PUBLICATIONS: Research reports.

INFORMATION SERVICES: Answers technical inquiries; provides reprints of articles published by members of the staff to interested investigators.

Hospital Library

2004 University of Pennsylvania Hospital
3400 Spruce St.
Philadelphia, Pa. 19104
Tel: (215) 662-2571

AREAS OF INTEREST: Medicine and surgery, with special emphasis on clinical specialties, particularly ophthalmology.

HOLDINGS: 4,500 books; over 8,000 journal volumes; 260 current journal subscriptions.

INFORMATION SERVICES: Provides reference services to professional workers in medical and allied fields; makes interlibrary loans.

Medical School Library

2005 University of Pennsylvania
36th St. and Hamilton Walk
Philadelphia, Pa. 19104
Tel: (215) 594-5815

AREAS OF INTEREST: Medicine and the allied sciences.

HOLDINGS: 50,000 books; 2,200 journal subscriptions.

INFORMATION SERVICES: Permits onsite use of collection.

Monell Chemical Senses Center

2006 University of Pennsylvania
529 Lippincott Bldg.
3500 Market St.
Philadelphia, Pa. 19104
Tel: (215) 594-6666

A multidisciplinary center for the study of the chemical senses, the Monell Chemical Senses Center's staff includes biophysicists, biochemists, ethologists, neurophysiologists, electrophysiologists, and others.

AREAS OF INTEREST: Comparative study of the chemical senses in organisms ranging from marine invertebrates to primates (including humans), including basic physiological information on taste and smell.

HOLDINGS: A library facility is being established.

INFORMATION SERVICES: Answers inquiries.

Morris Arboretum Library

2007 University of Pennsylvania
9414 Meadowbrook Ave.
Philadelphia, Pa. 19118
Tel: (215) 247-5232

AREAS OF INTEREST: Botany and horticulture; woody plants of the temperate world; plant pathology; silviculture; forestry; trees; shrubs; basic flora of the world.

HOLDINGS: 4,200 books; 50 journal subscriptions.

PUBLICATIONS: *Quarterly Bulletin*; *Monographs* (irregular).

INFORMATION SERVICES: Provides reference and duplication services; makes interlibrary loans; lends material to associates of the Arboretum and to members of the University through the main (Van Pelt) library; permits onsite use of collection by the public.

School of Dental Medicine**Leon Levy Library**

2008 School of Dental Medicine
University of Pennsylvania
4001 Spruce St.
Philadelphia, Pa. 19104
Tel: (215) 594-8969

AREAS OF INTEREST: Dentistry and related disciplines, including microbiology, pathology, and the basic sciences; history of dentistry.

HOLDINGS: 25,000 books; 500 journals; extensive collection of U.S. Dental Patents dating 1787 to 1966; Dr. Thomas W. Evans' letters and papers; reports, audiovisual materials.

PUBLICATIONS: Accessions list.

INFORMATION SERVICES: Answers inquiries; provides reference and duplication services; makes direct and interlibrary loans; permits onsite use of collection.

School of Medicine**Department of Therapeutic Research**

2009 School of Medicine
University of Pennsylvania
Philadelphia, Pa. 19104
Tel: (215) 594-8035

AREAS OF INTEREST: Biochemistry of viruses and infected cells; toxicity of antibacterial and other agents; biochemistry of mitochondria; biochemistry of surface membranes.

HOLDINGS: 15,000 reports.

PUBLICATIONS: Experimental papers, books, reviews.

INFORMATION SERVICES: Answers inquiries; provides consulting services; conducts lectures for students at all levels. Services are provided free to members of the academic community and at cost to profitmaking organizations.

Johnson Research Foundation

2010 School of Medicine
University of Pennsylvania
Alfred N. Richards Bldg.
Philadelphia, Pa. 19104
Tel: (215) 594-8796

AREAS OF INTEREST: Biophysics; physical biochemistry; cellular physiology.

HOLDINGS: 3,500 books; 50 journal subscriptions.

INFORMATION SERVICES: Permits onsite use of collection.

School of Veterinary Medicine**Comparative Cardiovascular Studies Unit**

2011 School of Veterinary Medicine
University of Pennsylvania
3800 Spruce St.
Philadelphia, Pa. 19104
Tel: (215) 594-8585

AREAS OF INTEREST: Comparative cardiology (congenital heart disease, teratology, genetic aspects, arteriosclerosis, cardiac electrophysiology, valvular disease); toxicology (mainly electrocardiogram and drug effects, myocardial changes).

HOLDINGS: 25,000 reports; 1,000 books; 50 periodical titles.

PUBLICATIONS: Staff reports (50 per year) for subscribers.

INFORMATION SERVICES: Answers brief inquiries; provides reference, consulting, and literature-searching (including bibliographic) services; provides duplication services at cost; makes referrals; makes interlibrary loans. Extensive services are provided to staff members only.

School of Veterinary Medicine Library

2012 University of Pennsylvania
3800 Spruce St.
Philadelphia, Pa. 19104
Tel: (215) 594-8874

AREAS OF INTEREST: Veterinary medicine; animal husbandry; veterinary toxicology; pharmacology; biochemistry; pathology; nutrition; anatomy; surgery; epidemiology and public health.

HOLDINGS: 20,000 books, including rare books on horses and horsemanship; 500 periodical subscriptions; 2,500 foreign dissertations; 36 vertical file drawers of pamphlets, circulars, and reprints.

INFORMATION SERVICES: Answers brief inquiries; provides reference and duplication services; permits onsite use of literature collection; extends direct borrowing privileges upon approved application to the University's Van Pelt Library, through which interlibrary loans are also provided.

Walter P. Murphy Memorial Library

2013 University of Pennsylvania Hospital School of Nursing
3446 Chestnut St.
Philadelphia, Pa. 19104
Tel: (215) 662-3397

AREAS OF INTEREST: Nursing care in medical, surgical, and clinical specialties; nursing history; nursing ethics; nursing administration.

HOLDINGS: 6,700 books; 35 periodical titles; reports.

INFORMATION SERVICES: Provides reference and document services, primarily to students and faculty of the University; makes interlibrary loans through the University's main (Van Pelt) library.

UNIVERSITY OF PITTSBURGH

Falk Library of the Health Professions

2014 University of Pittsburgh
DeSoto and Terrace Sts.
Pittsburgh, Pa. 15213
Tel: (412) 683-1620 Ext. 345

AREAS OF INTEREST: Medicine; dentistry; pharmacy; nursing.

HOLDINGS: 76,000 books; 74,000 bound periodicals; 8,000 reports; 250 boxes of Government documents; 16 vertical file drawers of pamphlets.

INFORMATION SERVICES: Provides reference and limited literature-searching services; makes interlibrary loans; permits onsite use of collections. Services are available to bona fide researchers.

Graduate School of Public Health

2015 University of Pittsburgh
130 DeSoto St.
Pittsburgh, Pa. 15213
Tel: (412) 683-1620 Ext. 2101
(412) 683-1620 Ext. 2108 (Library)

AREAS OF INTEREST: Public health, including public health administration and the history of public health; air pollution, including physical and chemical properties of urban aerosols, physiological effects of inhaled pollutant gases and aerosols, chemical analysis of air pollutants, and engineering control of air pollution; industrial health, including ventilation of factories and assessment of industrial airborne hazards (dusts and vapors); noise control, including control of the acoustic environment, hearing problems of noise-exposed and non-noise-exposed populations, and physics of sound and acoustical materials; water supply and pollution control, including water chemistry and biology; environmental health planning; environmental radiation; radiation health, including radiobiology, health physics, radiation chemistry, radiation medicine, and radiological physics and engineering; nutrition; biostatistics; epidemiology; hospital administration; medical care.

HOLDINGS: The Graduate School of Public Health Library has 22,000 books, 15,000 journals, and 9 vertical file drawers of pamphlets and reports.

PUBLICATIONS: Contributions to the technical literature; progress reports on research grants and contracts; reports of field investigations.

ment on contract basis. The library provides reference services, lends material to authorized individuals, makes interlibrary loans, and permits onsite use of its collections.

Facilities include extensive microscopy apparatus (electron and light); apparatus for chemical analysis of pollutant gases and aerosols; equipment for field assessment of in-plant pollution and community air pollution; laboratories for chemical, biological, and radioactive analysis of water and waste samples; wide variety of equipment for bench scale research in aquatic chemistry, biology, and treatment processes; field station on the Ohio river; whole-body radiation counting facility; and an anechoic chamber.

Natural Science Library

2016 University of Pittsburgh
A-217 Langley Hall
Pittsburgh, Pa. 15213
Tel: (412) 621-3500 Ext. 7244

AREAS OF INTEREST: Biology; earth sciences; microbiology; biophysics; psychology; biochemistry.

HOLDINGS: 16,000 books and journals.

INFORMATION SERVICES: Permits onsite reference; makes interlibrary loans according to code.

School of Medicine

Department of Pharmacology

2017 School of Medicine
University of Pittsburgh
Pittsburgh, Pa. 15213
Tel: (412) 683-1620 Ext. 430

AREAS OF INTEREST: General pharmacology; information processing in the nervous system; somato-sensory investigations; computer simulation of biological systems; biomedical information programming.

HOLDINGS: Small collection of books and periodicals.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; makes referrals. Services are available to members of the scientific and professional communities, the National Institutes of Health and other Federal agencies, and journal editorial boards.

School of Pharmacy

Department of Pharmacognosy

2018 School of Pharmacy

Tel: (412) 683-1620 Ext. 436

AREAS OF INTEREST: Pharmacognosy; plants and plant principles (all biological effects); isolation and characterization of antineoplastic substances from the *Catharanthus* and *Vinca* species of plants.

HOLDINGS: Complete bibliography of all aspects of *Vinca* and *Catharanthus* species of plants from 1735 to present; 1,500 research articles.

PUBLICATIONS: *Pharmacognosy Titles* (irregular).

INFORMATION SERVICES: Provides reference, literature-searching, and abstracting services free to academic persons (for normal requests), and at cost to industry or others.

Western Psychiatric Institute and Clinic Library

2019 University of Pittsburgh
3811 O'Hara St.
Pittsburgh, Pa. 15213
Tel: (412) 683-1620 Ext. 2216

AREAS OF INTEREST: Psychiatry in all its branches; psychoanalysis; clinical psychology; neurosciences; behavioral sciences; history and philosophy of science; handling of psychiatric emergencies, including attempted suicides.

HOLDINGS: 34,000 books; 1,600 journals; 800 reports; 1,000 papers.

INFORMATION SERVICES: Provides reference services; makes interlibrary loans; permits onsite use of collection.

UNIVERSITY OF PUERTO RICO

Department of Horticulture

2020 College of Agricultural Sciences
University of Puerto Rico
Mayaguez, Puerto Rico 00708
Tel: (809) 832-4040

AREAS OF INTEREST: Teaching, research, and extension work related to fruits, especially tropics and subtropics, coffee, vegetables, and ornamental plants; food processing.

HOLDINGS: Collection of fruit and ornamental plants; research projects. The Department uses the collections of the Agricultural Experiment Station library.

2021

PUBLICATIONS: Popular and technical bulletins published regularly. A publications list for the Department and the Agricultural Experiment Station is available.

INFORMATION SERVICES: Answers inquiries. Qualified scientists may have access to the collections.

Department of Marine Sciences

2021 University of Puerto Rico
Mayaguez, Puerto Rico 00708
Tel: (174) 832-4078

AREAS OF INTEREST: Marine biology; physical, geological, biological, and chemical oceanography; geophysics.

HOLDINGS: Reference collections of specimens; a departmental library specialized in marine sciences publications.

PUBLICATIONS: Contributions (collected reprints), in bound volumes, of staff publications (distributed on exchange basis with other institutions).

INFORMATION SERVICES: Answers inquiries; permits onsite reference.

Puerto Rico Agricultural Experiment Station

2022 University of Puerto Rico
Mayaguez Campus
Rio Piedras, Puerto Rico 00927
Tel: (809) 766-1240

AREAS OF INTEREST: Tropical agriculture; agricultural economics; animal and plant sciences; livestock; soils; biology; chemistry; food technology; rum technology.

HOLDINGS: Books, journals, and reports, in all major languages.

PUBLICATIONS: *Journal of Agriculture of the University of Puerto Rico* (quarterly); technical reports.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services; makes inter-library loans; permits onsite use of literature collection.

Branch stations are located at Lajas, Gurabo, Corozal, Fortuna, Isabela, and Adjuntas, Puerto Rico.

UNIVERSITY OF RHODE ISLAND

College of Pharmacy

2023 University of Rhode Island

UNIVERSITY OF PUERTO RICO

Kingston, R.I. 02881
Tel: (401) 789-9311 Ext. 761

AREAS OF INTEREST: All pharmaceutical sciences and related fields, including pharmaceutical economics and allied health professions.

HOLDINGS: Books, journals, reports, patents, films, trade literature.

INFORMATION SERVICES: Answers inquiries; provides reference services; makes referrals; permits onsite use of collection.

Department of Fisheries and Marine Technology

2024 University of Rhode Island
210 Woodward Hall
Kingston, R.I. 02881
Tel: (401) 792-2559

AREAS OF INTEREST: Technical aspects of commercial fisheries, including fishing vessels, nets and gear, engineering, fish handling and processing, and navigation and vessel operation; commercial fisheries education programs; commercial fisheries extension activities.

HOLDINGS: Small reference collection of books, periodicals, and reports.

PUBLICATIONS: Commercial fisheries newsletter (bimonthly); technical reports, extension bulletins.

INFORMATION SERVICES: Answers inquiries; provides consulting services, usually on contract basis.

Department of Plant and Soil Science

2025 University of Rhode Island
Kingston, R.I. 02881
Tel: (401) 792-2791

AREAS OF INTEREST: Culture, production, and management of crops of economic importance, including fruit, vegetables, field crops, and ornamental plants; soil-plant relationships; ecology of native and cultivated plants; landscape design and use of plants and land; use of power and other equipment and structures for culture and production of plants and conservation of soil.

HOLDINGS: Extensive files of specific literature and reports related to plants and soils; flower gardens; plantings of woody ornamentals; collections of greenhouse plants, fruit trees, and turfgrasses adapted to culture in New England.

PUBLICATIONS: Bulletins, circulars, leaflets, factsheets, and newsletters concerning plants and soils, released from the College of Resource Development. Mailing lists are maintained.

INFORMATION SERVICES: Interprets soil tests and makes recommendations concerning plant culture and maintenance; provides an identification and problem-solving service related to plants of economic importance and a mass media service related to home grounds and landscape horticulture. Qualified scientists may have access to all collections, the library, and other facilities.

Department of Plant Pathology and Entomology

2026 University of Rhode Island
231 Woodward Hall
Kingston, R.I. 02881
Tel: (401) 792-2481

AREAS OF INTEREST: Plant pathology; biodeterioration; nematology; virology; entomology; water quality (pollution); mycology.

HOLDINGS: 50,000 books; 1,000 periodical titles.

PUBLICATIONS: Research reports; circulars on disease and pest control; pest outbreak forecasts.

INFORMATION SERVICES: Answers inquiries; provides consulting services free to State residents and on negotiated fee basis to others; provides testing and evaluation services requiring laboratory, greenhouse, or field work at labor cost to State residents and on negotiated fee basis to others.

Department of Zoology Museum

2027 University of Rhode Island
Ranger Hall-Adams House
Kingston, R.I. 02881
Tel: (401) 792-2372

AREAS OF INTEREST: Systematics and ecology of mammals, reptiles, amphibians, insects, and acarina of Rhode Island and of the interstitial micrometazoa (psammon) of marine beaches, especially mystacocarids and copepods; techniques in the preparation of whole mounts of microorganisms; systematics and life histories of crustacean commensals and parasites; historical aspects of the contributions of 18th and 19th century naturalists.

HOLDINGS: 24,000 specimens of mammals, reptiles, amphibians, insects, acarina, tunicates, parasites, and interstitial fauna; apparatus for collection of beach fauna and environmental analyses; 500 color slides; 1,700 books; 750 project records; 375 technical reports; journals, reprints, pamphlets, abstracts, newsletters, publication lists, clippings, news releases.

PUBLICATIONS: Reprints.

INFORMATION SERVICES: Answers inquiries; provides consulting services and short lists of literature citations in response to specific inquiries; identifies tunicates, crustacean parasites, and psammic copepods; lends specimens to known specialists in the field; makes referrals; permits onsite use of collections.

Graduate School of Oceanography

2028 Narragansett Marine Laboratory
University of Rhode Island
Kingston, R.I. 02881
Tel: (401) 792-6222

AREAS OF INTEREST: Biological, chemical, geological, and physical oceanography, including population genetics; productivity and ecology of inshore waters; ocean circulation and current observations; wave studies and small-scale circulations; origin of the sea floor; turbulence defects of rotation; small-scale interactions; estuarine ecology and coral reef studies; geology and continental margins; zooplankton ecology; chemistry of sea water; biochemistry, physiology, and ecology of marine organisms; chemical detection of prey by predators; chemical studies of organic matter in sediments; fisheries and population ecology using computer techniques; submarine volcanism and rare earth geochemistry; algal substances in the sea, their chemistry and microbiology; phytoplankton ecology and physiology; geophysical hydrodynamics; ocean circulation studies; animal behavior bioacoustics orientation.

HOLDINGS: The Pell Marine Science Library has about 8,000 volumes, mostly in periodicals, 1,000 serial and periodical titles and technical reports series, 9,000 reprints, and a special collection of scientific results of oceanographic expeditions.

PUBLICATIONS: *Maritimes* (quarterly); *Collected Reprints* of research staff (irregular, Vols. 1-5, 1958-67, published so far); *Proceedings of a Symposium on Mineral Resources of the World Ocean* (1968); *Proceedings of the Second Sea Grant Conference* (1968); other occasional publications.

INFORMATION SERVICES: Answers inquiries. The Pell Marine Science Library permits onsite use of its collections and provides reference services as time and circumstances permit. Interlibrary loan service is provided through the main campus library. The New England Marine Resources Information Program and the University Marine Advisory Service are located in the Pell Library.

Institute of Environmental Biology

2029 University of Rhode Island

AREAS OF INTEREST: Environmental biology, including: environmental plant physiology; effects of solar radiation and temperature on plant root growth; effects of water, temperature, pH, and light on fungal spore generation; ecological factors governing distribution of algae; productivity of marine algae; estuarine ecology and coral reef studies; physiology of deep-water zooplankton; phytoplankton productivity, growth, and succession; underwater sounds of biological origin; ecological aspects of animal behavior; ecology of interstitial fauna; bioenergetics of ecosystems; thermoregulation in poikilothermic vertebrates; thermoregulation in humans; environmental effects on drug interactions; hyper- and hypobaric physiology; carbon dioxide fixation in marine invertebrates; environmental endocrinology; application of control systems techniques to physiological functions; environmental stress effects on mammalian catecholamines; photoperiod effects on lower vertebrate temperature tolerance; ecological aspects of gas exchange in amphibians; fisheries and population ecology using computer techniques; physiological ecology of shellfish; and radiotelemetry study of deer movements.

INFORMATION SERVICES: Provides consulting services; makes referrals.

Resource Information Office

2030 University of Rhode Island
16 Woodward Hall
Kingston, R.I. 02881
Tel: (401) 792-2465

AREAS OF INTEREST: General agriculture; marine and natural resources.

PUBLICATIONS: *Rhode Island Resources* (quarterly); circulars, bulletins, reprints. Lists of Rhode Island Cooperative Extension Service publications and Rhode Island Agricultural Experiment Station publications are available.

INFORMATION SERVICES: Answers inquiries; makes referrals; disseminates publications.

Rhode Island Agricultural Experiment Station

2031 University of Rhode Island
113 Woodward Hall
Kingston, R.I. 02881
Tel: (401) 792-2475

resource economics, animal science, plant and soil science, plant and animal pathology, forestry and wildlife management, and fisheries and marine technology, particularly tissue culture, turfgrass management, ornamental horticulture, food science, soil chemistry, pesticide chemistry, rural development, and environmental quality and aesthetics.

PUBLICATIONS: *Rhode Island Resources* (quarterly); technical bulletins, circulars, abstracts, journal articles. A publications list is available.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services.

Water Resources Center

2032 University of Rhode Island
213 Crawford Hall
Kingston, R.I. 02881
Tel: (401) 792-2267

AREAS OF INTEREST: Nonradioactive nuclear plant effluent; natural radio elements in raw water; aeration; structural chemistry of iron-organic complexes in fresh water; organic matter and trace elements in fresh water; control of copper content in fresh water; ground-water characteristics by resistivity criteria; interception of precipitation by oak forests; scale reduction in desalination processes; water economy of turf grass; water consumption based on economic and social characteristics of households; effect of nematodes on water quality; dynamic behavior of soils; iron and manganese removal from water supplies; analysis of trace metals in water; correlation of structure vs. activity of pollutants in fresh water; soil freezing; buoyancy and sinking characteristics of fresh water phytoplankton; methods used to study viral flora of estuaries, streams, and ponds; plecoptera-biological index of fresh water quality.

INFORMATION SERVICES: Answers inquiries.

UNIVERSITY OF ROCHESTER

School of Medicine and Dentistry

Department of Pharmacology and Toxicology

2033 School of Medicine and Dentistry
University of Rochester
260 Crittenden Blvd.
Rochester, N.Y. 14642
Tel: (716) 275-3141

gy; chemical accidentogenesis; chemical ingredients of commercial products; toxicity of chemical ingredients; toxicity rating of general formulations (sample formulas); prevention of pediatric poisonings by study of mineral and vitamin deficiencies (possible cause of pica).

HOLDINGS: Over 50,000 cross-indexed documented trade-name items filed by trade name, chemical ingredients, use, and manufacturer; large collection of related reference data; 10,000 reports; books, periodicals.

PUBLICATIONS: *Clinical Toxicology of Commercial Products* (3d ed., 1969, available from Williams & Wilkins Co., Baltimore, Md.); monthly bulletins of up-to-date supplementary material to parent volume.

INFORMATION SERVICES: Answers inquiries; provides free reference, consulting, literature-searching, abstracting, indexing, and translation services; makes referrals. Bulletins are distributed free to poison control centers, State public health offices, and Federal health organizations.

Edward G. Miner Library

2034 School of Medicine and Dentistry
University of Rochester
260 Crittenden Blvd.
Rochester, N.Y. 14620
Tel: (716) 275-3361

AREAS OF INTEREST: Medical sciences; dentistry; nursing; psychiatry; history of medicine.

HOLDINGS: 107,000 books and bound periodical volumes; subscriptions to 2,200 journals and other serials; special collections on the history of medicine and yellow fever.

PUBLICATIONS: *Bulletin* (monthly, includes list of current faculty publications and library acquisitions).

INFORMATION SERVICES: Answers inquiries; provides reference and literature-searching services; provides duplication services for fee; makes interlibrary loans. Services are available to members of the health sciences professions.

Facilities include an IBM 2740 communication terminal, a Xerox photocopier, a microfilm reader, and a microfiche-microprint reader.

Technical Information Center

2035 University of Rochester
Rochester, N.Y. 14627
Tel: (716) 275-3866

physics; optics; medicine; history of medicine; dentistry; space science; radiation biology; engineering.

HOLDINGS: The Center has access to the holdings in the University library system, which includes the central library and 14 specialized libraries having over 1,000,000 volumes and 10,300 serial titles, and which is a depository for U.S. Government documents.

PUBLICATIONS: Reports (quarterly).

INFORMATION SERVICES: Answers inquiries; makes referrals; prepares bibliographies; provides duplication services; arranges for translations; makes interlibrary loans.

UNIVERSITY OF SAN FRANCISCO

Institute of Chemical Biology

2036 University of San Francisco
San Francisco, Calif. 94117
Tel: (415) 752-1000 Ext. 385

The Institute is sponsored, in part, by the National Institute of Mental Health, the National Cancer Institute, and the National Aeronautics and Space Administration.

AREAS OF INTEREST: Biochemical toxicology of hydrazines, oxygen, and metals; pharmacology; drug effects on central nervous system; organic synthesis.

HOLDINGS: 8,000 books; 150 periodical titles; 1,000 reports.

PUBLICATIONS: Scientific articles in journals.

INFORMATION SERVICES: Answers inquiries; provides consulting and literature-searching services.

Facilities include and IBM 1130 computer, a fluorescent microscope, a spectrophotofluorometer, and an amino acid analyzer.

UNIVERSITY OF SOUTH CAROLINA

Belle W. Baruch Coastal Research Institute

2037 University of South Carolina
Columbia, S.C. 29208
Tel: (803) 777-5288

Associates of the Institute represent the fields of engineering, law, biology, and geology.

AREAS OF INTEREST: Marine sciences; ecosystem analysis of estuaries; bioenergetics of marine organ-

isms; aquiculture of oysters, crabs, fish, and algae; sedimentation of beaches and estuaries; chemistry of marsh water.

PUBLICATIONS: Reprints.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Services are provided free to some users and at cost to others.

Science Library

2038 University of South Carolina
Columbia, S.C. 29208
Tel: (803) 777-3151

AREAS OF INTEREST: Biology; chemistry; geology; engineering; pharmacy; physics.

HOLDINGS: About 30,000 books, 29,000 bound journal volumes, and 1,300 periodical subscriptions.

INFORMATION SERVICES: Answers inquiries; provides reference services; provides duplication services for fee; makes interlibrary loans.

UNIVERSITY OF SOUTH DAKOTA

Herbarium

2039 University of South Dakota
Vermillion, S. Dak. 57069
Tel: (605) 677-5211

AREAS OF INTEREST: Botany; mycology; plant taxonomy; effects of water and air pollution on plants.

HOLDINGS: Plant specimens, principally of South Dakota, including extensive collections from the Black Hills region.

INFORMATION SERVICES: Answers brief inquiries on plant distribution of South Dakota; identifies specimens of South Dakota plants in exchange for voucher specimens.

UNIVERSITY OF SOUTH FLORIDA

Natural Sciences and Mathematics Division

Department of Biology

2040 Natural Sciences and Mathematics Division
University of South Florida
4202 East Fowler Ave.
Tampa, Fla. 33620
Tel: (813) 974-2668

AREAS OF INTEREST: Botany; microbiology; zoology.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Periodicals.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; permits onsite use of collection. Services are provided free to all students.

UNIVERSITY OF SOUTHWESTERN LOUISIANA

Dupre Library

2041 University of Southwestern Louisiana
P.O. Box 199, USL Station
Lafayette, La. 70501
Tel: (318) 233-3850

AREAS OF INTEREST: All major subject areas, with emphasis on microbiology, computer science, geology, petroleum, and horticulture.

HOLDINGS: 23,000 books; 800 periodical titles. The Library is a partial depository for State and Federal documents.

INFORMATION SERVICES: Answers inquiries; provides reference services; provides duplication services for fee; makes interlibrary loans; permits onsite reference.

UNIVERSITY OF TENNESSEE

Department of Food Technology

2042 Tennessee Agricultural Experiment Station
University of Tennessee
P.O. Box 1071
Knoxville, Tenn. 37916
Tel: (615) 974-7335

AREAS OF INTEREST: Food science and technology including harvesting, handling, and storage of raw foods, and preparation, processing, preservation and storage of prepared foods.

HOLDINGS: Samples of foods and ingredients; collection of books, periodicals, reports, data compilations, photos, slides, graphs, tables, abstracts reprints, and news releases.

PUBLICATIONS: *Tennessee Farm and Home Science* theses.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; provides analytical testing services; makes referrals; permits onsite use of collection. Some services are provided free, others at cost.

Materials Science Toxicology Laboratory

2043 University of Tennessee Medical Units
College of Pharmacy and College of
Dentistry
Memphis, Tenn. 38103
Tel: (901) 527-6641 Ext. 629

AREAS OF INTEREST: Materials science toxicology; plastics; elastomers; additives used in materials; general toxicology; toxicity of dental products; carcinogenic effects of materials and additives.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Services are generally provided free, but a fee may be requested if the service requires extended time or effort. Services are available only to persons associated with a university, industry, or Government.

Preston Medical Library

2044 University of Tennessee Memorial Research
Center and Hospital
1924 Alcoa Highway
Knoxville, Tenn. 37920
Tel: (615) 971-3237

AREAS OF INTEREST: Medicine and related sciences, including biochemistry, microbiology, genetics, biophysics, physiology, hematology, and pathology.

HOLDINGS: 1,200 books; 226 periodical titles; reports.

INFORMATION SERVICES: Answers inquiries; provides reference, literature-searching, and duplication services; makes interlibrary loans; permits onsite use of collection.

Tennessee Agricultural Experiment Station

2045 University of Tennessee
Knoxville, Tenn. 37916
Tel: (615) 974-7121

AREAS OF INTEREST: General agriculture; agricultural industries; plant science; forestry; animal science; social sciences; agricultural economics; agricultural engineering; horticulture; food technology; home

economics; dairy science; tobacco; cotton fiber; plant pathology; poultry; radioisotopes in agricultural research; radiobiology.

HOLDINGS: A literature collection of 40,000 items.

PUBLICATIONS: *Tennessee Farm and Home Science* (quarterly); technical reports and bulletins.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services.

Branch Stations: West Tennessee Experiment Station, Jackson, Tenn.; Middle Tennessee Experiment Station, Spring Hill, Tenn.; Highland Rim Experiment Station, Springfield, Tenn.; Dairy Experiment Station, Lewisburg, Tenn.; Plateau Experiment Station, Crossville, Tenn.; Tobacco Experiment Station, Greeneville, Tenn.; UT-AEC Agricultural Research Laboratory, Oak Ridge, Tenn.; Ames Plantation, Grand Junction, Tenn.; University of Tennessee at Martin, Department of Agriculture, Martin, Tenn.; Milan Field Station, Milan, Tenn.; Cumberland Forest, Wartburg, Tenn.; Highland Rim Forest, Tullahoma, Tenn.

UT-AEC Agricultural Research Laboratory

2046 University of Tennessee
1299 Bethel Valley Rd.
Oak Ridge, Tenn. 37830
Tel: (615) 483-8611 Ext. 3-4205

AREAS OF INTEREST: Radiobiology; toxicity of radioelements; metabolism of fission products; effects of external irradiation on production of food crops; responses of domestic animals to these hazards.

HOLDINGS: Small specialized collection. The Laboratory also has access to the collections of the library of the biology division of Oak Ridge National Laboratory and the Oak Ridge Associated Universities library.

PUBLICATIONS: Technical reports.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services.

Water Resources Research Center

2047 University of Tennessee
1000 White Ave.
Knoxville, Tenn. 37916
Tel: (615) 974-2151

AREAS OF INTEREST: All water-related research, including but not limited to that involving physical, chemical, and biological aspects, economics, recreation, legal problems, and remote sensing of water characteristics.

HOLDINGS: A library containing interdisciplinary water-related documents, books, and periodicals.

PUBLICATIONS: Research reports; annual reports on all on-going research.

INFORMATION SERVICES: Answers technical inquiries; provides advisory services; makes referrals.

UNIVERSITY OF TEXAS

Division of Natural Resources and Environment

Institute of Marine Science, Engineering, and Resources Library

2048 Box 368
Port Aransas, Tex. 78373
Tel: (512) 749-5281

AREAS OF INTEREST: Graduate research and training in the marine sciences, including zoology, chemistry, geology, microbiology, botany, ecology, water resources, environmental health engineering, ichthyology, fisheries, and bacteriology, with emphasis on the Gulf of Mexico, lagoons, bays, and estuaries.

HOLDINGS: Specimens of fish (Gulf area), mollusks (Texas coast, Alacran Reef), macroscopic algae (Texas coast), and Phycotheca Boreali-Americana algae (North America); 6,300 books and bound periodicals; 1,000 special reports; reprints.

PUBLICATIONS: *Contributions in Marine Science* (annual).

INFORMATION SERVICES: Answers inquiries; provides reference services; permits onsite reference by researchers; makes interlibrary loans for cost of postage.

UNIVERSITY OF TEXAS AT ARLINGTON

Department of Biology

2049 University of Texas
Arlington, Tex. 76010
Tel: (817) 275-3211 Ext. 236

AREAS OF INTEREST: Animal physiology; botany; cytology; entomology; freshwater and marine biology; genetics; herpetology; ichthyology; mammalogy; microbiology; plant and animal ecology.

HOLDINGS: Collections of vertebrate specimens, insects, and plants; 500 periodical titles; books, reports.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; provides reference and limited consulting services.

UNIVERSITY OF TEXAS AT AUSTIN

Biology Library

2050 University of Texas
Austin, Tex. 78712
Tel: (512) 471-1475

AREAS OF INTEREST: General biology, including zoology, bacteriology, botany, entomology, genetics, and physiology.

HOLDINGS: 27,000 books; 275 periodical titles.

INFORMATION SERVICES: Makes interlibrary loans; provides duplication services at cost; permits onsite use of collection by Texas residents and visiting scholars.

Human Genetics Research

2051 University of Texas Genetics Foundation
Austin, Tex. 78712
Tel: (512) 471-5420

AREAS OF INTEREST: Human genetics research; biochemical mutants; enzyme pathways; mutation rate studies.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals.

UNIVERSITY OF TEXAS AT DALLAS

Southwestern Medical School Library

2052 University of Texas
5323 Harry Hines Blvd.
Dallas, Tex. 75235
Tel: (214) 631-3220 Ext. 369

AREAS OF INTEREST: Medicine and related fields, including biological sciences and biochemistry; medical history, especially of Texas and the Southwest.

HOLDINGS: 38,000 books; 63,000 volumes of journals and serials; 3,000 volumes on microforms; Government documents.

PUBLICATIONS: *List of New Acquisitions* (monthly); *List of Serials* (annual); bibliographies.

INFORMATION SERVICES: Qualified health science practitioners and students may borrow from the collection; others may use materials in the Library.

UNIVERSITY OF THE PACIFIC

2057

Reference and interlibrary loan services are provided. Literature searches are available to faculty, staff, medical students, and area physicians.

UNIVERSITY OF TEXAS AT EL PASO

Department of Biological Sciences

2053 University of Texas
El Paso, Tex. 79968
Tel: (915) 747-5629

AREAS OF INTEREST: Mammals of northern Chihuahuan desert.

INFORMATION SERVICES: Answers inquiries; provides consulting services. A fee may be charged, depending on service performed.

UNIVERSITY OF TEXAS AT GALVESTON

Department of Pharmacology and Toxicology

2054 University of Texas Medical Branch
Galveston, Tex. 77550
Tel: (713) 765-1561

AREAS OF INTEREST: Pharmacology; toxicology; ataractics; sedatives; narcotics; fumes; gases; plant poisons; food poisoning; pollution; autopsy; alkaloids; laboratory methodology, including chromatography, colorimetry, and spectrometry.

HOLDINGS: 92,000 books; 500 periodical titles; reports.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, literature-searching, and duplication services; lends materials. Services are primarily for medical personnel.

UNIVERSITY OF TEXAS AT HOUSTON

Dental Branch Library

2055 University of Texas
P.O. Box 20068
Houston, Tex. 77025

Location:
6516 John Freeman Ave.
Houston, Tex.
Tel: (713) 528-4871 Ext. 217

AREAS OF INTEREST: Dentistry; history of dentistry; general medicine.

HOLDINGS: 7,700 books; over 600 journal titles in English, Spanish, French, German, Norwegian, and Portuguese; 15 vertical file drawers of reprints and pamphlets.

INFORMATION SERVICES: Lends material to responsible individuals and organizations.

M. D. Anderson Hospital and Tumor Institute

Research Medical Library

2056 M. D. Anderson Hospital and Tumor Institute
6723 Bertner Ave.
Houston, Tex. 77025
Tel: (713) 529-5411

AREAS OF INTEREST: Oncology; cancer chemotherapy; radiobiology; pathology; biochemistry; pharmacology; toxicology; anesthesiology; surgery; gynecology; anatomy; histology; cytology; chemistry; electron microscopy; medical photography; biology; physics; hospital administration; nursing; documentation statistics.

HOLDINGS: 29,500 volumes; 797 journal titles currently received.

PUBLICATIONS: *Current Articles on Neoplasms* (weekly bibliography).

INFORMATION SERVICES: Answers inquiries; provides reference and duplication services; makes interlibrary loans; permits onsite reference by University faculty and students, Texas residents, and visiting scholars. MEDLARS search service is available through the Library.

UNIVERSITY OF THE PACIFIC

Pacific Marine Station

2057 University of the Pacific
Dillon Beach, Marin County, Calif. 94929
Tel: (707) 878-2833

AREAS OF INTEREST: Marine zoology, including physiology, functional morphology, larval studies, and taxonomy of marine invertebrates; ecology.

HOLDINGS: 7,100 specimens of marine invertebrates; a library of 2,000 books, over 110 periodical subscriptions, 7,800 reprints, and unevaluated data.

INFORMATION SERVICES: Answers brief inquiries; permits onsite use of collection.

2058

Facilities include laboratory and classroom facilities, a darkroom, boats of various sizes, an instrument room, a reproduction room, a museum, wet laboratories with running sea water, dormitories, and a sample sieving room.

Science Library

2058 University of the Pacific
Stockton, Calif. 95204
Tel: (209) 946-2568

AREAS OF INTEREST: All aspects of pharmacy, pharmacology, and pharmaceuticals, including toxicology; general chemistry.

HOLDINGS: 4,500 books; 620 periodical titles; 11,000 bound volumes of periodicals; 825 reels of microfilm; 700 other microfilm units; reports.

INFORMATION SERVICES: Answers brief inquiries, but provides extensive services only to University students and faculty; makes interlibrary loans.

Facilities include microfilm and microcard readers.

UNIVERSITY OF UTAH

Research Museum of Vertebrate Zoology

2059 University of Utah
Salt Lake City, Utah 84112
Tel: (801) 322-6180

AREAS OF INTEREST: Mammals; birds; fish; herpetology, especially Central American turtles; systematics; distribution and anatomy of mammals; evolution; ecology.

HOLDINGS: 10,000 fish specimens, 30,000 mammal specimens, 30,000 bird specimens, and 20,000 reptile and amphibian specimens; collection of books, periodicals, and reports.

PUBLICATIONS: Reports, critical reviews, books.

INFORMATION SERVICES: Answers inquiries; provides consulting services; identifies specimens; lends specimens. Services are available to bona fide researchers who have the endorsement of their institution.

UNIVERSITY OF VERMONT

College of Medicine

Dana Medical Library

2060 College of Medicine

UNIVERSITY OF THE PACIFIC

University of Vermont
Burlington, Vt. 05401
Tel: (802) 656-2200

AREAS OF INTEREST: Medicine; nursing; paramedicine.

HOLDINGS: 16,000 books; 1,550 periodical titles; 377 motion pictures, filmstrips, etc.

PUBLICATIONS: Acquisitions lists (monthly); catalog of journal holdings (quarterly).

INFORMATION SERVICES: Answers inquiries; provides reference, literature-searching, and duplication services; makes interlibrary loans; permits onsite use of collection. The Library has a TWX link with about 100 medical libraries through the Hospital Library Development Services.

Department of Medical Microbiology

2061 College of Medicine
University of Vermont
Given Bldg.
Burlington, Vt. 05401
Tel: (802) 656-2164

AREAS OF INTEREST: Medical microbiology, including interferon and intracellular growth of nonviral pathogens.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Services are provided free to some and at cost to others.

Department of Pharmacology

2062 College of Medicine
University of Vermont
B-315 Given Bldg.
Burlington, Vt. 05401
Tel: (802) 656-2500

AREAS OF INTEREST: Pharmacology; effects of ionizing radiation on cardiovascular systems.

HOLDINGS: 50 periodical titles; 1,000 reports; books.

PUBLICATIONS: Bibliographies, reports.

INFORMATION SERVICES: Answers inquiries; permits onsite use of collection.

Division of Neurological Surgery

2063 College of Medicine
University of Vermont
Vermont Medical Center Hospital
Mary Fletcher Unit
Burlington, Vt. 05401
Tel: (802) 656-3646

HOLDINGS: 5,000 reports; books, periodicals.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; permits onsite use of collection. Services are provided to medical personnel only.

Department of Animal Pathology

2064 University of Vermont
Hills Science Bldg.
Burlington, Vt. 05401
Tel: (802) 656-2650

AREAS OF INTEREST: Diseases of animals, poultry, and wildlife.

PUBLICATIONS: Annual diagnostic summaries.

INFORMATION SERVICES: Answers inquiries; provides consulting and extension services; furnishes laboratory disease diagnoses; conducts research. Services are provided to veterinarians only.

Department of Plant and Soil Science

2065 University of Vermont
Burlington, Vt. 05401
Tel: (802) 656-2630

AREAS OF INTEREST: Agronomy, horticulture, cryobiology, and environmental studies.

HOLDINGS: 50,000 books; periodicals, reports. The Department also uses the collections of the University Library.

PUBLICATIONS: Research and extension reports, journal articles.

INFORMATION SERVICES: Answers inquiries; provides consulting and extension services; conducts research.

Pringle Herbarium

2066 University of Vermont
601 Main St.
Burlington, Vt. 05401
Tel: (802) 656-3221

AREAS OF INTEREST: Botany; plant taxonomy; flora of New England, Mexico, Nicaragua, and arctic-alpine regions.

HOLDINGS: 328,000 plant specimens from all over the world, with emphasis on New England flora and the Cyrus G. Pringle collection of Mexican flora.

and institutions.

Vermont Agricultural Experiment Station

2067 University of Vermont
Burlington, Vt. 05401
Tel: (802) 864-4511 Ext. 264 or 256

AREAS OF INTEREST: General agriculture; related physical, biological, and social sciences; rural life and economics; home economics.

PUBLICATIONS: *Vermont Farm and Home Science* (quarterly); reports, proceedings, research bulletins.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services.

Vermont Resources Research Center

2068 University of Vermont
Burlington, Vt. 05401
Tel: (802) 864-4511

AREAS OF INTEREST: Water for recreational use; limnology; biology and geology of lakes; measurement of watershed runoff; water economics; regional planning.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services.

The Lake Study Center, a unit of the Vermont Resources Research Center, specializes in lake research.

UNIVERSITY OF VIRGINIA

Blandy Experimental Farm--Orland E. White Research Arboretum

2069 P.O. Box 85
Boyce, Va. 22620
Tel: (703) 837-1758

AREAS OF INTEREST: Botany.

HOLDINGS: A large collection of living plants; an herbarium; records of 16,000 plant species planted at the Farm; 1,000 books; periodicals.

INFORMATION SERVICES: Answers brief inquiries; makes referrals; lends materials. Extensive services are provided only to noncommercial plant research organizations.

2070

Department of Environmental Sciences

2070 University of Virginia
Brooks Museum
Charlottesville, Va. 22903
Tel: (703) 924-3151

AREAS OF INTEREST: Climatology-meteorology, especially biometeorology and marine climatology; estuarine and shoreline coastal processes; fluvial processes (geochemical and action of running water); population and systems ecology of natural and polluted environment; urban processes; geochemistry; ecology; urban systems analysis; transportation; blighted areas; pollution control; erosion.

HOLDINGS: 10,000 books; 50 periodical titles; reports. The Department is a map depository for the U.S. Geological Survey and maintains an aerial photocartographic laboratory.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; permits onsite use of collection.

Seward Forest

2071 c/o Mr. Guy Estes, Director
Triplet, Brunswick County, Va. 23886
Tel: (703) 577-2413

AREAS OF INTEREST: Forestry practices.

HOLDINGS: Small reference collection of books, pamphlets, and project records.

INFORMATION SERVICES: Answers brief inquiries; provides limited consulting services; makes referrals; permits onsite use of collection.

Facilities include a 3,600-acre tract, a sawmill, and a planer.

Speech and Hearing Center

Speech Research Laboratory

2072 Speech and Hearing Center
University of Virginia
109 New Cabell Hall
Charlottesville, Va. 22903
Tel: (703) 924-3113 or 924-7011

AREAS OF INTEREST: Speech, hearing, and language processes and their dysfunction.

HOLDINGS: 1,000 books; 20 periodical titles; reports, films, photos, data.

PUBLICATIONS: The Speech and Hearing Center publishes two periodicals, *Journal of the Speech and*

UNIVERSITY OF VIRGINIA

Hearing Association of Virginia (semiannual) and *Directory of the Speech and Hearing Association of Virginia* (annual), as well as technical reports and conference proceedings.

INFORMATION SERVICES: Provides reference services; provides consulting services, generally for a fee; permits onsite use of collections.

University of Virginia Library

Science/Technology Information Center

2073 University of Virginia Library
Charlottesville, Va. 22901
Tel: (703) 924-3553

The Science/Technology Information Center represents a loose confederation consisting of the following science branch libraries at the University of Virginia: Astronomy Library, Biology/Psychology Library, Chemistry Library, Engineering Library, Environmental Sciences Library, Mathematics Library, and Physics Library.

AREAS OF INTEREST: Science and technology, including astronomy, biology, psychology, chemistry, engineering, environmental sciences, mathematics, and physics.

HOLDINGS: 101,541 books; 181,000 hard copy technical reports; 355,000 technical reports on microfiche.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides reference services to students, faculty, and Virginia residents; provides bibliographic and duplication services for fee.

UNIVERSITY OF WASHINGTON

Center for Quantitative Science in Forestry, Fisheries, and Wildlife

2074 University of Washington
Pacific Annex No. 2
Seattle, Wash. 98105
Tel: (206) 543-1191

AREAS OF INTEREST: Ecosystem modeling; population dynamics and population estimation; systems analysis of North Pacific fisheries; modeling of fisheries and forest resources; models of resource management; statistical problems associated with resource management and utilization.

PUBLICATIONS: *Quantitative Science Technical Papers* (irregular).

INFORMATION SERVICES: Answers brief inquiries. Results of completed research are available on request without charge.

College of Fisheries

Fisheries Research Institute

2075 College of Fisheries
University of Washington
Seattle, Wash. 98105
Tel: (206) 543-4650

AREAS OF INTEREST: Alaskan fisheries; international North Pacific fisheries; Soviet fisheries; dynamics of aquatic populations; management of commercial and sport fisheries; limnology; aquatic ecology; water pollution; aquatic environmental problems related to nuclear siting; aquaculture.

HOLDINGS: Fish collection from lakes around Bristol Bay, Alaska, and Amchitka.

PUBLICATIONS: *Research in Fisheries* (annual); *Fisheries Research Institute Circulars* (irregular).

INFORMATION SERVICES: Answers brief inquiries; provides consulting services for fee. Results of completed research are available free.

Laboratory of Radiation Ecology

2076 College of Fisheries
University of Washington
Seattle, Wash. 98105
Tel: (206) 543-4257

AREAS OF INTEREST: Biological distribution and effects of radioactivity in the natural environment, particularly in the aquatic environment; radiobiological studies of aquatic organisms at atolls and in the surrounding ocean; nuclear reactor waste disposal in water; radioecology; effects of low-level irradiation on Chinook salmon; radiation chemistry; alpha-emitting radionuclides in marine organisms. Geographic areas covered include the central and western Pacific Ocean, Alaska, Puget Sound, and the Columbia River.

HOLDINGS: 300 books; 2,500 technical reports; numerous maps and colored slides; two movies on radiobiological research at the Pacific nuclear test sites; periodicals, bibliographies.

PUBLICATIONS: U.S. Atomic Energy Commission research and development reports; technical reports in scientific journals; papers published in proceedings of scientific symposia and conferences.

INFORMATION SERVICES: The senior staff answers technical and general inquiries by mail or telephone, gives lectures on request to educational groups, and provides consulting services.

Facilities include a radiation-counting laboratory, an analytical radiochemistry laboratory, and a mobile laboratory for field programs.

College of Forest Resources

2077 University of Washington
Seattle, Wash. 98105
Tel: (206) 543-2758

AREAS OF INTEREST: Forestry; pollution in forest ecosystems; adverse effects of herbicides; pesticides, including their movement in soils and plants; forest physical sciences, including physics of wood and composites, wood and extractives chemistry, wood technology, pulp and paper technology, plywood, adhesives, synthetic boards, milling, forest photogrammetry, forest engineering, and forest fire science; forest production and management, including economics of forest land management, economics of forest products industry, forest fire protection, forest policy, mensuration, watershed management, logging planning, cost analysis operations, transportation, and forest resources conservation (including wildlife studies).

HOLDINGS: An extensive wood collection; 25,000 books; 2,000 periodical titles; 23,000 pamphlets; maps, charts, documents on microfilm, audio and video tapes.

PUBLICATIONS: Publication series (irregular); reprints, annual report.

INFORMATION SERVICES: Answers inquiries; provides reference and duplication services; makes referrals; makes direct and interlibrary loans.

Facilities include IBM 7040-7094 DCS and Burroughs B5500 computers and a microfilm reader.

Department of Oceanography

2078 College of Arts and Sciences
University of Washington
Seattle, Wash. 98105
Tel: (206) 543-5060

AREAS OF INTEREST: Biological, geological, chemical, and physical oceanography; marine geophysics and geochemistry; fluid dynamics.

HOLDINGS: Data on water properties and circulation for the Puget Sound system, Columbia River effluent area, North Pacific Ocean, Arctic Ocean, and ad-

adjacent seas; a cross-index for over 12,000 conventional oceanographic stations occupied in Puget Sound, Strait of Juan de Fuca, and the San Juan Island region from 1932-1969; grab samples, box cores, and gravity cores (less than 2m) from the Washington continental shelf; grab samples, box cores, gravity cores (less than 2m), piston cores (less than 6m), shallow and deep seismic profiles from the Chukchi-Bering Sea continental shelf; gravity cores (less than 2m), piston cores (less than 6m), and deep seismic profiles from Cascadia Basin; gravity cores (less than 2m) and piston cores (6-15m) from the North Pacific; gravity cores (less than 2m) from the Gulf of Alaska; seismic reflection, seismic refraction, and acoustic absorption data from the inland waters and continental shelf of Washington; bottom current and sediment transport data from Puget Sound and the Columbia River; heat-flow measurements and high-resolution seismic profiling data from Juan de Fuca Ridge off the Washington coast; chemical and physical data on oxygen-deficient and sulfide-bearing marine environments (N.E. Pacific, Cariaco Trench, Black Sea); data on nutrient-uptake for marine primary production; physical and biochemical data on upwelling ecosystems off Peru and in the Mediterranean Sea; large collections of nano-phytoplankton and net-zooplankton from various parts of Puget Sound (1963-1970) and from Vancouver Island to northern California to 300 km offshore (1961-present); other plankton collections from Puget Sound, Columbia River effluent area, the North Pacific, and Arctic Ocean; large collections of benthic invertebrates from Puget Sound and off the Washington coast (1963-1968); approximately 500 midwater trawl samples of euphausiids and pelagic shrimp from the N.E. Pacific and Arctic Ocean; over 200 bacteria-free cultures of phytoplankton species and benthic microalgae; collections of benthic crustaceans, polychaetes, molluscs, and echinoderms; a collection of eastern Pacific barnacles. The Fisheries-Oceanography Library contains 28,000 volumes, 76,000 pamphlets (including technical reports, translations, reprints, maps, and charts), and 2,000 periodical titles.

PUBLICATIONS: Technical reports, data reports, articles in journals, occasional special reports.

INFORMATION SERVICES: Answers inquiries; makes referrals; permits onsite reference of samples.

Drug Plant Gardens and Laboratory

2079 College of Pharmacy
University of Washington
Seattle, Wash. 98105

Tel: (206) 543-2030

AREAS OF INTEREST: Medicinal and poisonous plants and fungi; pharmacy and pharmacognosy.

HOLDINGS: Medicinal drug and seed collection; small reference collection of books, periodicals, and reports.

PUBLICATIONS: *Index Seminum, Plantarum Medicinalium* (annual); seed exchange list.

INFORMATION SERVICES: Answers brief inquiries; provides consulting services in the University area, especially to the Seattle Poison Control Center; exchanges available seeds of medicinal plants with other botanical or drug plant gardens or supplies available seeds to qualified research investigators.

Friday Harbor Laboratories

2080 University of Washington
Friday Harbor, Wash. 98250
Tel: (206) 378-2165

AREAS OF INTEREST: Marine sciences, especially marine biology and oceanography; experimental and comparative embryology of marine invertebrates; systematics and speciation; comparative endocrinology; ecology; neurophysiology; morphology; marine algology and mycology.

HOLDINGS: Synoptic collections of local marine algae, invertebrates, and fishes; 10,000 books; 50 periodical subscriptions; reports, reprints.

PUBLICATIONS: Bulletins, directory.

INFORMATION SERVICES: Answers brief inquiries; makes interlibrary loans; permits onsite use of collections.

Primate Information Center

2081 Regional Primate Research Center SH-50
University of Washington
Seattle, Wash. 98105
Tel: (206) 543-4376

Supported by the National Institutes of Health and administered by the University of Washington, the Primate Information Center, a division of the Regional Primate Research Center, makes its services available to any primatologist or any scientist using primates in laboratory research.

AREAS OF INTEREST: All scientific literature of living nonhuman primates.

HOLDINGS: Over 20,000 bibliographic references to primates, supplementing *Bibliographia primatologica* by T. C. Ruch (which contains citations on primate anatomy, physiology, pharmacology, and psychobiology published before 1940). Citations are accumulated at the rate of 5,000 per year.

PUBLICATIONS: *Current Primate References* (weekly); *Normal Values for Nonhuman Primates Tabulated from the Literature* (irregular).

INFORMATION SERVICES: Answers inquiries; makes referrals; prepares retrospective and recurrent classified bibliographies on request. Reprint collections are accessible for onsite use. Reproduction services are limited to hard-to-find primate references.

School of Public Health and Community Medicine

Department of Environmental Health

2082 School of Public Health and Community Medicine
University of Washington
F461 Health Sciences Bldg.
Seattle, Wash. 98105
Tel: (206) 543-4252

AREAS OF INTEREST: Industrial hygiene engineering and chemistry; occupational medicine; experimental industrial toxicology; air pollution; safety regulations; workmen's compensation; respiratory physiology.

HOLDINGS: 1,500 books; 750 reports; periodicals.

PUBLICATIONS: *Occupational Health Newsletter* (monthly); technical reports.

INFORMATION SERVICES: Answers inquiries free; provides consulting services and conducts industrial hygiene surveys free for participants of Washington State industrial insurance and for fee to others. The Department's publications are distributed free on request.

State Toxicology Laboratory

2083 School of Medicine
University of Washington
Seattle, Wash. 98105
Tel: (206) 543-0169

AREAS OF INTEREST: Biological and analytical methods in toxicology; mechanisms of action of pesticides, sedatives, and solvents; toxicology training; forensic toxicology.

HOLDINGS: 500 books; 50 periodical titles; 1,000 reports.

PUBLICATIONS: Periodicals, books, reviews.

INFORMATION SERVICES: Provides consulting services and forensic analysis.

University of Washington Libraries

2084 Seattle, Wash. 98105
Tel: (206) 543-1760

AREAS OF INTEREST: Science and technology, including astronomy, atmospheric sciences, chemistry, engineering, physics, mathematics, fisheries, oceanography, forest resources, medicine, dentistry, nursing, pharmacy, zoology, geology, botany, and biology.

HOLDINGS: 1,690,000 volumes of monographs and serials; numerous Government publications (Federal, State, international, foreign); over 352,000 research reports; 37,000 reels of microfilm; 548,000 microfiches, microprints, and microcards.

PUBLICATIONS: *Library Leaflet* series (irregular); *Library Guide* series (irregular); *Washington Library Letter* (biweekly); acquisition lists.

INFORMATION SERVICES: Provides reference services, primarily to students and faculty; makes interlibrary loans; provides duplication services for fee; permits onsite reference.

UNIVERSITY OF WISCONSIN

Biological Library

2085 Birge Hall
University of Wisconsin
Madison, Wis. 53706
Tel: (608) 262-2740

AREAS OF INTEREST: Botany and zoology, including plant physiology, ecology, taxonomy, mycology, lichenology, and morphology; cell physiology; endocrinology; embryology; ornithology; mammalogy; limnology; teaching of biology.

HOLDINGS: 25,200 bound volumes; 445 journal subscriptions.

INFORMATION SERVICES: Makes referrals; makes interlibrary loans through the University of Wisconsin Memorial Library; permits onsite use of collection by the public.

College of Agricultural and Life Sciences

Steenbock Memorial Library

2086 College of Agricultural and Life Sciences
University of Wisconsin
Madison, Wis. 53706
Tel: (608) 262-9635

2087

AREAS OF INTEREST: Agricultural and life sciences; biochemistry; entomology; bacteriology; food and nutrition; apiculture; cookbooks.

HOLDINGS: 130,000 volumes; 1,400 periodical titles; 10,000 bound volumes of USDA and other reports; films, photos.

INFORMATION SERVICES: Answers brief telephone inquiries; provides reference services; provides Xerox copying services for fee; makes interlibrary loans; permits onsite use of collection. Services are primarily for the University community, but are also provided to others as time permits.

Department of Food Science

2087 University of Wisconsin
Babcock Hall
Madison, Wis. 53706
Tel: (608) 262-3046

AREAS OF INTEREST: All aspects of food science, food chemistry, and food microbiology.

PUBLICATIONS: Publications by staff members.

INFORMATION SERVICES: Answers inquiries free; provides consulting services for fee.

Department of Plant Pathology

2088 University of Wisconsin
1630 Linden Dr.
Madison, Wis. 53706
Tel: (608) 262-1436

AREAS OF INTEREST: Plant pathology; breeding for disease resistance; nature of disease resistance; physiology of diseased plants; fungal mycotoxins, including those causing fishkills; fungicides, nematocides, and bacteriocides used in prevention of plant diseases; antibiotics; factors involved in injury to crops or forest trees; animal feed toxins; soil microbiology; plant virology; pollution injury to plants; cooperation in international programs.

HOLDINGS: 1,000 books; 35,000 reprints of scientific papers on plant pathology; reprints on plant viruses; 85 periodical titles.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Extensive services are provided only as problems relate to State service obligations or research projects of University faculty.

Department of Wildlife Ecology

2089 University of Wisconsin
226 Russell Laboratories
Madison, Wis. 53706
Tel: (608) 262-2671

UNIVERSITY OF WISCONSIN

AREAS OF INTEREST: Wildlife ecology, conservation, and management; effects of pesticides on wildlife populations and ecosystems.

HOLDINGS: 1,400 books; 1,100 volumes of 56 serials; 110,000 reprints segregated by subject matter; library card catalog containing 119,000 cross-index entries; 3,500 slides; 4,000 photos; 1,000 specimens of birds, bird foods, and mammals.

INFORMATION SERVICES: Answers inquiries on Wisconsin wildlife problems; makes referrals; permits onsite use of library facilities by visiting scientists.

Facilities include a 3-M photocopier.

Food Research Institute

2090 University of Wisconsin
23 Bacteriology Bldg.
Madison, Wis. 53706
Tel: (608) 262-4565

AREAS OF INTEREST: All food-borne disease agents (salmonella, viruses, perfringens); food-borne intoxications; botulinum toxin; staphylococcal enterotoxin; mycotoxins; food additives.

PUBLICATIONS: Newsletter, scientific papers, including reviews, occasional special reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Extensive services are provided to supporting agencies only.

Herbarium

2091 University of Wisconsin
Birge Hall
Madison, Wis. 53706
Tel: (608) 262-2792

AREAS OF INTEREST: Herbaria; parasitic fungi; lichenology; mosses; flora; plant ecology and taxonomy; aquatic plants.

HOLDINGS: 460,000 plant specimens, with special emphasis on plants from Wisconsin, the Central United States, the Ozarks, the Caribbean, Mexico, Peru, Bolivia, and Southeast Asia.

INFORMATION SERVICES: Answers brief inquiries; lends plants to recognized botanists and botanical institutions; exchanges materials.

Institute for Environmental Studies

2092 1339 Meteorology
University of Wisconsin
Madison, Wis. 53706
Tel: (608) 262-2860

vironment; problems of population, pollution, and ecology; construction of quantitative models of man's effect on the environment and conversely; interdisciplinary effort across the physical, biological, social, and humanities divisions of the University; undergraduate and graduate courses and curricula and research programs.

HOLDINGS: Technical reports of current interest; journals, abstract literature, bibliographies, seminar reports, theses, and other published material.

PUBLICATIONS: *Occasional Papers*, containing papers by faculty or invited seminar speakers; *Research Reports*, describing research programs and results; *Newsletter*, listing current library acquisitions; annual report; bibliographies of periodical reports on environmental quality. Single copies of publications are distributed free.

INFORMATION SERVICES: Answers inquiries; makes referrals; permits onsite reference.

Limnology Laboratory

2093 University of Wisconsin
Madison, Wis. 53706
Tel: (608) 262-3304

AREAS OF INTEREST: Hydrobiology; fish migration, orientation, and physiology; zooplankton; lake biology, physics, and chemistry.

HOLDINGS: 1,000 books; 50 periodical titles; 1,000 reports; slides, maps, charts.

PUBLICATIONS: Reports (most of which are restricted to the sponsoring agency), reprints, bibliographies. A list of reprints is available.

INFORMATION SERVICES: Answers technical inquiries; provides consulting, reference, and limited bibliographic services; lends materials; permits onsite use of collection. Services are available primarily to the scientific community and usually only when these services cannot be obtained from other sources.

McArdle Laboratory for Cancer Research

2094 Medical Center
University of Wisconsin
Madison, Wis. 53706
Tel: (608) 262-2177

The Laboratory is supported by the National Institutes of Health, the American Cancer Society, the State of Wisconsin, and various other grants and gifts.

AREAS OF INTEREST: Basic cancer research, emphasizing biochemistry and molecular biology.

about 35 current journals.

PUBLICATIONS: Research papers published in scientific journals and books.

INFORMATION SERVICES: Provides consulting services; permits onsite use of collection.

Regional Primate Research Center and Primate Laboratory

2095 University of Wisconsin
1223 Capitol Court
Madison, Wis. 53715
Tel: (608) 262-3844

The Regional Primate Research Center and Primate Laboratory is supported by the National Institutes of Health.

AREAS OF INTEREST: Psychological (primarily behavioral and learning), neurophysiological, biomedical, endocrinological, veterinary medicine, pathological, and mental retardation research using the monkey as a subject.

HOLDINGS: 1,125 books; 1,115 journals; 110 newsletters; 9,300 reprints.

INFORMATION SERVICES: Answers inquiries; provides consulting services; provides short lists of literature citations in response to specific inquiries; makes referrals; permits onsite use of collection by visiting scientists.

School of Pharmacy

2096 University of Wisconsin
425 North Charter St.
Madison, Wis. 53706
Tel: (608) 262-2894

AREAS OF INTEREST: Pharmacy; pharmacology; drug information sources; biochemistry and life sciences; pharmacognosy; antibiotics; pharmaceutical chemistry, including analytical and assay methods.

PUBLICATIONS: Abstracts, books, reviews.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

F. B. Power Pharmaceutical Library

2097 School of Pharmacy
University of Wisconsin
425 North Charter St.
Madison, Wis. 53706
Tel: (608) 262-2894

AREAS OF INTEREST: Pharmacy, both current and historical; pharmacology and toxicology; drug infor-

2098

mation sources; biochemistry and life sciences; pharmacognosy; antibiotics; pharmaceutical chemistry, including analytical and assay methods; pharmacy administration; social studies of pharmacy.

HOLDINGS: 18,000 books; 300 current periodicals and about 500 no longer published; 100 rolls of microfilm; thousands of pamphlets, clippings, and news releases; abstracts, reviews, publication lists, newsletters, unanalyzed data. The Library also holds the Kremers Reference Files, a unique national historical collection in pharmacy, comprising 359 letter-size file drawers of such materials as letters, laboratory records, minute books of organizations, prescriptions, pictures, reprints, pamphlets, circulars, broadsides, and biographical information.

PUBLICATIONS: Accessions list (monthly); serial publications received list (basic list with replacement pages mailed approximately bimonthly).

INFORMATION SERVICES: Answers inquiries; provides reference, duplication, and limited literature-searching services; makes direct and interlibrary loans.

Water Chemistry Program

2098 Water Chemistry Laboratory
University of Wisconsin
Madison, Wis. 53706
Tel: (608) 262-2470

AREAS OF INTEREST: All aspects of water chemistry; chemical hydrology; chemical limnology; chemical oceanography; water supply and pollution control; analytical methods; pesticides; carcinogens; fish kills.

HOLDINGS: 10,000 abstracts of papers on water chemistry.

PUBLICATIONS: Abstracts.

INFORMATION SERVICES: Answers inquiries from scientists; permits onsite reference to abstracts.

Water Resources Center

2099 113 Hydraulics and Sanitary Laboratory
University of Wisconsin
Madison, Wis. 53706
Tel: (608) 262-3577

AREAS OF INTEREST: Hydrogeology; limnology; pesticides and detergents in water; sewage and waste treatment; water chemistry; water quality; water resources information systems, legislation, management, manpower, planning, publications, and

UNIVERSITY OF WISCONSIN

research; water reuse; evaporation; evapotranspiration; fluid mechanics; hydraulics; hydrodynamics; irrigation; pollution; soil-water relationships; industrial and municipal wastes; waste water; water microbiology; water supply engineering; water treatment; eutrophication of lakes and streams.

HOLDINGS: Technical reports, journals, abstract literature, bibliographies, seminar reports, theses; collection of documents on eutrophication.

PUBLICATIONS: *Occasional Papers* by faculty or seminar speakers; *Research Reports*; *Eutrophication Abstracts*; *Reference Room Acquisitions*; annual report. Single copies of limited supply publications are distributed free.

INFORMATION SERVICES: Answers inquiries; makes referrals; permits onsite use of literature collection; conducts a special program in the area of eutrophication.

Eutrophication Information Program

2100 Water Resources Center
University of Wisconsin
1324 West Dayton St.
Madison, Wis. 53706
Tel: (608) 262-7980

The Program is sponsored, in part, by the U.S. Department of Agriculture, the U.S. Department of the Interior, and the Soap and Detergent Association.

AREAS OF INTEREST: Eutrophication (biological, chemical, and hydrological processes of nutrient enrichment and aging of lakes and other surface waters).

HOLDINGS: International scientific reports, journal articles, and other literature on eutrophication; data.

PUBLICATIONS: *Eutrophication Abstracts*; critical reviews, literature reviews.

INFORMATION SERVICES: Answers inquiries; provides reference, literature-searching, and abstracting services; provides photocopying services at cost; makes referrals; permits onsite use of collection. Services are available to professionals engaged in water quality investigations and related administrative and managerial personnel.

William S. Middleton Medical Library

2101 University of Wisconsin
1305 Linden Dr.
Madison, Wis. 53706
Tel: (608) 262-6594

AREAS OF INTEREST: Medicine, including medical history, anatomy, physiology, physiological chemistry, pathology, microbiology, medical genetics, neurological sciences, cancer, pharmacology, mental deficiency, occupational and physical therapy, and nursing.

HOLDINGS: 125,000 volumes; 1,700 periodical titles; 1,100 serials; reviews, abstracts, indexes, bibliographies.

INFORMATION SERVICES: Answers inquiries; provides reference, duplication, and brief literature-searching services; makes interlibrary loans; makes direct loans to Wisconsin health professionals and occasionally to other residents; permits onsite use of collection.

Wisconsin Agricultural Experiment Station

2102 136 Agricultural Hall
University of Wisconsin
Madison, Wis. 53706
Tel: (608) 262-1254

AREAS OF INTEREST: Agricultural economics, education, engineering, and journalism; agronomy; bacteriology; biochemistry; dairy science; entomology; food science and industries; forestry; genetics; horticulture; landscape architecture; meat and animal science; plant pathology; poultry science; rural sociology; soils; veterinary science; wildlife ecology.

PUBLICATIONS: Technical reports.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services.

Zoological Museum

2103 Department of Zoology
Birge Hall
University of Wisconsin
Madison, Wis. 53706
Tel: (608) 262-3766

AREAS OF INTEREST: Zoology, including arachnology, herpetology, ichthyology, mammalogy, ornithology, osteology, and vertebrate paleontology.

HOLDINGS: Study collections of 8,000 birds, 5,000 mammals, 6,000 fish, 3,000 reptiles and amphibians, 20,000 spiders, 5,000 skeletons, and 5,000 molluscs.

INFORMATION SERVICES: Answers inquiries; permits onsite use of collections.

UNIVERSITY OF WYOMING

College of Agriculture

Division of Biochemistry

2104 College of Agriculture
University of Wyoming
P.O. Box 3944, University Station
Laramie, Wyo. 82070
Tel: (307) 766-3300

AREAS OF INTEREST: Biochemistry; selenium and seleniferous plants; poisonous plants of Wyoming.

HOLDINGS: Small collection of reports.

PUBLICATIONS: Research papers, books.

INFORMATION SERVICES: Answers brief inquiries.

Jackson Hole Biological Research Station

2105 University of Wyoming
P.O. Box 3837, University Station
Laramie, Wyo. 82070
Tel: (307) 766-6123

Summer address:

Moran, Wyo. 83013
Tel: (307) 543-2557

AREAS OF INTEREST: Basic research in the biological sciences, with emphasis on field-type studies; field ecology; life history of invertebrate and vertebrate animals; plant and animal taxonomy; behavior and social organization; range and game management; conservation; fisheries biology.

HOLDINGS: A basic biological reference library, a herbarium, and a collection of mammals and birds.

PUBLICATIONS: Annual report containing a summary of research projects and a list of journal articles prepared by investigators (available on request).

INFORMATION SERVICES: The Station disseminates information without charge to anyone with scientific interest. Individual research investigators answer inquiries or provide information in their special fields whenever possible. Laboratory and other facilities are available to investigators conducting a project approved by the Station.

Rocky Mountain Herbarium

2106 University of Wyoming
Aven Nelson Bldg.

2107

Laramie, Wyo. 82071

Tel: (307) 766-2236

AREAS OF INTEREST: Systematic botany; flora of the Rocky Mountain region, particularly of Wyoming; forage and range plants; stock-poisoning plants; arctic and alpine plants; grasses of the world.

HOLDINGS: 300,000 plant specimens, including all known flowering plants of Wyoming.

INFORMATION SERVICES: The Herbarium is open to qualified botanical experts, graduate students, and others whose previous training is such that they can profit by its use. It aids in the identification of plants submitted by ranchers, county agents, institutions, and Federal agencies throughout the region, and serves as a source of research and teaching material in the field of systematic botany. There is no charge other than shipping cost for the identification of plants or the loan of specimens. Duplicate sets of plants should be sent for verification or naming. Correspondence is solicited from persons who have, or will collect, plants for exchange.

School of Pharmacy

2107 University of Wyoming

P.O. Box 3375, University Station

Laramie, Wyo. 82070

Tel: (307) 766-6120

AREAS OF INTEREST: Pharmacy, including pharmacology and pharmacognosy; pharmaceutical chemistry; pharmaceuticals; potentiation and toxicity of drugs; pharmacy administration.

INFORMATION SERVICES: Answers inquiries.

University Library

2108 University of Wyoming

P.O. Box 3334, University Station

Laramie, Wyo. 82070

Tel: (307) 766-3279

AREAS OF INTEREST: Botany; chemistry; zoology; adult education; pharmacy; law; geology; petroleum history; wool.

HOLDINGS: 425,000 volumes; 800 wool sample jars; reports, patents. The Library is a depository for U.S. Government documents.

PUBLICATIONS: *University of Wyoming Publications* (annual).

INFORMATION SERVICES: Provides reference and duplication services; permits onsite reference.

UNIVERSITY OF WYOMING

Wyoming Agricultural Experiment Station

2109 University of Wyoming

P.O. Box 3354, University Station

Laramie, Wyo. 82070

Tel: (307) 766-4133

AREAS OF INTEREST: General agriculture; agricultural biochemistry and physiology; nutrition; animal science; veterinary science; dairy and beef cattle; sheep and wool production; poultry; swine; animal breeding; plant science; weed control; entomology; plant pathology; horticulture; forestry; range management; soils; agricultural economics and marketing; home economics; farm and range management; agricultural engineering.

PUBLICATIONS: News releases (monthly and weekly); regional publications, research reports, monographs, bulletins, proceedings.

INFORMATION SERVICES: Answers inquiries; makes referrals; distributes publications; assists in planning and holding meetings and conferences.

THE UPJOHN CO.

Technical Library

2110 The Upjohn Co.

Kalamazoo, Mich. 49001

Tel: (616) 382-4000 Ext. 7089

AREAS OF INTEREST: Pharmaceuticals; antibiotics; prostaglandins; medicine; chemistry; reproductive physiology.

HOLDINGS: 12,000 books; 40,000 bound journals; 100,000 patents; complete collection of prostaglandin publications.

INFORMATION SERVICES: Makes limited interlibrary loans. Onsite use of the collection is permitted with clearance from the Head Librarian.

USC, INC.

2111 University Science Center

3113-3125 Forbes Ave.

Pittsburgh, Pa. 15213

Tel: (412) 683-4220 or 683-4221

USC, Inc., The University Science Center is a university-affiliated research and consulting agency which uses primarily university faculty and advanced graduate students as professional researchers and consultants and serves as an instrument for "-

transfer of technology" from the universities to business and Government.

AREAS OF INTEREST: All disciplines, including: computer and information sciences; ecology; economics; education; engineering; management science; medicine; operations research; pharmacology; physical sciences; public administration; social sciences; transportation; urban planning; and nuclear quality assurance controls.

HOLDINGS: USC, Inc. primarily uses the university, school, and departmental libraries of the University of Pittsburgh, Carnegie-Mellon University, and Duquesne University.

PUBLICATIONS: Technical reports, surveys, studies, brochures.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting, research, and literature-searching services; conducts management seminars. Services are provided on fixed contract or time and material basis.

Facilities include an IBM 360/30 computer, laboratories of regional universities, a printing shop, and a Xerox 3600I copier.

UTAH ACADEMY OF SCIENCES, ARTS AND LETTERS

2112 c/o Dr. Kenneth T. Slack, Secretary
General Reference Desk
Marriott Library
University of Utah
Salt Lake City, Utah 84112
Tel: (801) 581-6085

AREAS OF INTEREST: Biological, physical, and sociological sciences; arts and letters, including music, poetry, and general language arts.

PUBLICATIONS: *Proceedings of the Utah Academy of Sciences, Arts and Letters* (biannual).

INFORMATION SERVICES: Answers inquiries; provides consulting services.

UTAH AGRICULTURAL EXPERIMENT STATION

see Utah State University

UTAH DEPARTMENT OF AGRICULTURE

2113 412 Capitol Bldg.
Salt Lake City, Utah 84114

Tel: (801) 328-5421

AREAS OF INTEREST: Agriculture in Utah.

INFORMATION SERVICES: Tests foods, water, commercial feeds, fertilizers, blood, and pesticides.

Office of State Chemist

2114 Utah Department of Agriculture
412 State Capitol
Salt Lake City, Utah 84114
Tel: (801) 328-5421 Ext. 47

AREAS OF INTEREST: Analysis of human and animal tissues for detection of poisons; pollution and pollution mechanisms, including such effects as crop damage and defoliation; industrial hygiene (dust, fumes); effects of pesticides on grain storage; clinical toxicology; metabolism, potentiation, and toxicity of drugs; narcotics; analytical methods, including chromatography and spectrophotometry.

HOLDINGS: Small collection of books.

INFORMATION SERVICES: Answers inquiries; provides consulting services; provides analytical services, free to Department personnel and for fee to others. Services are available to law enforcement agencies and the Utah Department of Agriculture.

UTAH DEPARTMENT OF NATURAL RESOURCES

Division of Wildlife Resources

2115 Utah Department of Natural Resources
1596 West North Temple
Salt Lake City, Utah 84116
Tel: (801) 328-5081

AREAS OF INTEREST: Fish and game management, laws, and regulations; conservation; pollution; fish-kills; ecological studies; environmental monitoring.

PUBLICATIONS: Newsletter (weekly); *Fishes of Utah* (1963); publications series (irregular); pamphlets.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services.

UTAH DEPARTMENT OF SOCIAL SERVICES

Division of Alcoholism and Drugs

2116 Utah Department of Social Services
2875 South Main St.
Salt Lake City, Utah 84115

2117

Tel: (801) 328-5468

AREAS OF INTEREST: Development of educational programs and establishment of treatment and rehabilitation centers dealing with problems of alcoholism and drug abuse.

HOLDINGS: Small collection of books and reports.

PUBLICATIONS: Reports, books, current informational data.

INFORMATION SERVICES: Answers written inquiries; provides consulting services to local communities; provides speakers; makes referrals to local mental health centers; lends materials.

UTAH DIVISION OF HEALTH

2117 44 Medical Dr.
Salt Lake City, Utah 84113
Tel: (801) 322-6111

AREAS OF INTEREST: Public health in Utah.

HOLDINGS: 170 slides; 85 maps and charts; 320 technical reports; 300 books; 100 reviews; 500 journals; 100 abstracts; 1,000 reprints; 50 bibliographies; 200 pamphlets; 500 clippings; 100 project records; 100 graphs and tables; standards and specifications, tapes, data.

PUBLICATIONS: Databooks, monthly bulletin.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting and bibliographic services; lends material; permits onsite use of collection.

UTAH STATE UNIVERSITY

Center for Water Resources Research

2118 Utah State University
Logan, Utah 84321
Tel: (801) 752-4100 Ext. 596

AREAS OF INTEREST: Water resources in Utah; aquatic biology; hydrology; water supply; water quality; sanitary engineering; effects of sewage disposal on living things; sociological and legal aspects of water resources.

HOLDINGS: All major holdings are in the University library.

PUBLICATIONS: Annual report.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting and literature-searching services for fee.

UTAH DIVISION OF HEALTH

Department of Veterinary Science

2119 College of Agriculture
Utah State University
Logan, Utah 84321
Tel: (801) 752-4100 Ext. 7584

AREAS OF INTEREST: Veterinary science; fluorosis; fluorine poisoning in livestock, wildlife, and vegetation; air, water, and soil toxicosis; trace elements associated with toxicosis of livestock and wildlife; poisonous plants.

PUBLICATIONS: Abstracts, standards, bibliographies, periodicals, books, reports, reviews, a 16mm color movie on fluorosis of livestock.

INFORMATION SERVICES: Answers inquiries; provides consulting services; conducts seminars and lectures. Fees are charged for some services.

Ecology Center

2120 Utah State University
Logan, Utah 84321
Tel: (801) 752-4100 Ext. 7411

AREAS OF INTEREST: Ecology, including behavioral ecology, microbial ecology, aquatic ecology, evolutionary ecology, synecology, autecology, and systems ecology.

PUBLICATIONS: Newsletter, reports.

INFORMATION SERVICES: Answers inquiries; provides consulting and computer modeling services for fee.

Utah Agricultural Experiment Station

2121 Utah State University
Logan, Utah 84321
Tel: (801) 752-4100

AREAS OF INTEREST: General agriculture; natural resources; conservation; sociological and economic problems of people.

PUBLICATIONS: *Utah Science* (quarterly); technical reports.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services; permits onsite visits.

Utah Cooperative Fishery Unit

2122 Utah State University
Logan, Utah 84321
Tel: (801) 752-4100 Ext. 479

The Utah Cooperative Fishery Unit is sponsored by Utah State University, the Utah Division of Fish and Game, and the U.S. Fish and Wildlife Service.

INTEREST: Fishery management, including
gy, taxonomy, metabolism, genetics, and
n dynamics; ecology of stream drift inver-
port fishing; water recreation.

Reference collection of books and

CON SERVICES: Answers inquiries; provides
services; makes referrals.

RBILT UNIVERSITY

of Medicine

ent of Biochemistry

VISION OF TOXICOLOGY

Department of Biochemistry
ool of Medicine
derbilt University
hville, Tenn. 37203
(615) 322-2262

INTEREST: Toxicology, including food addi-
al toxins, neurotoxins, heavy metal intoxi-
l pesticides.

The Division has access to the holdings of
ibrary and to a special subject-author file
es.

NS: Division members have published
oklets, chapters, and reviews.

ON SERVICES: Answers inquiries; provides
services. Initial services are free, but a
y be made for continuing or scheduled

NT AGENCY OF NMENTAL CONSERVATION

ent of Forests and Parks

of Forests

EST ENVIRONMENTAL SERVICES TION

artment of Forests and Parks
ront Agency of Environmental
nservation
ar Bldg.
t St.
tpelier, Vt. 05602
(802) 223-2311 Ext. 551

AREAS OF INTEREST: Broad field of forest resource
management on private ownership and public land
in Vermont, including practical forest management
programs, conservation education, and assistance to
and cooperation with other agencies and organiza-
tions in planning, development, and wise use of
natural resources in Vermont; utilization of wood
and wood products; environmental protection.

PUBLICATIONS: Information bulletins and leaflets.

INFORMATION SERVICES: Answers inquiries; provides
consulting and reference services within limits of
resources available.

FOREST RESOURCES PROTECTION SECTION

2125 Department of Forests and Parks
Vermont Agency of Environmental
Conservation
Barmar Bldg.
Court St.
Montpelier, Vt. 05602
Tel: (802) 223-2311 Ext. 551

AREAS OF INTEREST: Occurrence, life histories, im-
pact, and control of destructive forest and shade tree
insects, diseases, and animals; fire control.

HOLDINGS: Insect and disease specimen collection;
forest pest reference library.

PUBLICATIONS: Reports, information bulletins and
leaflets.

INFORMATION SERVICES: Answers inquiries; provides
consulting and reference services.

VERMONT AGRICULTURAL EXPERIMENT STATION

see University of Vermont

VERMONT DEPARTMENT OF HEALTH

2126 115 Colchester Ave.
Burlington, Vt. 05401
Tel: (802) 862-5701

AREAS OF INTEREST: Public health in Vermont, in-
cluding sanitation, nursing, serology, bacteriology,
chemistry, virology, vital statistics, and communica-
ble and chronic disease control.

HOLDINGS: Tumor registry; tuberculosis registry.

INFORMATION SERVICES: Answers inquiries as time
permits; provides consulting services; makes refer-
als.

2127

VERMONT DEPARTMENT OF WATER RESOURCES

2127 State Office Bldg.
Montpelier, Vt. 05602
Tel: (802) 223-2311 Ext. 283

AREAS OF INTEREST: Water resources in the State, including water quality and quantity, sources and effects of pollution, sanitary engineering studies for pollution abatement, and projects dealing with the future water quality of river basins, treatment facilities, and municipal water works.

HOLDINGS: 200 technical reports; 500 maps and charts; 5,000 slides; 5,000 data compilations; motion pictures. Water quality data collected over the past 14 years are on file.

INFORMATION SERVICES: Answers technical inquiries; makes referrals; provides consulting services; performs data searches on request.

Laboratory staff conducts chemical, bacteriological, and physical tests of water and waste waters.

VERMONT DIETETIC ASSOCIATION

2128 c/o Miss Sandra Mann, President
Central Vermont Hospital
Berlin, Vt. 05641
Tel: (802) 229-0121

AREAS OF INTEREST: Nutrition; diet therapy.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals.

VERMONT HOSPITAL ASSOCIATION

2129 P.O. Box 475
Shelburne, Vt. 05482

Location:
Dorset St.
Shelburne, Vt.
Tel: (802) 985-3510

AREAS OF INTEREST: All areas of concern in the operation of a hospital.

HOLDINGS: Small collection of books.

PUBLICATIONS: Monthly newsletter, reports.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; provides legislative information; makes referrals. Services are primarily for members, but are also available to others concerned with Vermont hospitals.

VERMONT DEPARTMENT OF WATER RESOURCES

VERMONT RESOURCES RESEARCH CENTER

see University of Vermont

VERMONT SHEEP BREEDERS ASSOCIATION

2130 c/o Mrs. Emily Korngiebel, Secretary-Treasurer
Cuttingsville, Vt. 05738
Tel: (802) 492-3382

AREAS OF INTEREST: Sheep and sheep breeders in Vermont; wool pools, wool prices, and lamb markets in New England; wool yarn; raw wool; pelts.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services.

VERMONT STATE NATURAL RESOURCES CONSERVATION COUNCIL

2131 Morrill Hall
University of Vermont
Burlington, Vt. 05401
Tel: (802) 864-4511 Ext. 275

AREAS OF INTEREST: Organization and management of natural resource conservation districts in Vermont.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals.

VETERANS ADMINISTRATION

Biometrics Division

2132 Veterans Administration
810 Vermont Ave. NW.
Washington, D.C. 20420
Tel: (202) 389-3458

AREAS OF INTEREST: Malignant neoplasms; therapeutic and demographic data on cancer patients.

HOLDINGS: Morbidity and mortality statistics of veterans covering a study period 1958-1963, during which VA hospitals registered data on some 133,000 neoplasms in the VA Cancer Registry. Tables have been developed pertaining to primary site of malignancy, stage of disease, geographic distribution of patients by site of malignancy, nature of therapeutic histological diagnosis, etc.

scheduled for publication in late 1971.

INFORMATION SERVICES: The statistical data relative to the Cancer Registry Study 1958-1963 are available to qualified researchers upon request.

Cellular Immunology Research Laboratory

2133 Veterans Administration Hospital
50 Irving St. NW.
Washington, D.C. 20422
Tel: (202) 483-6666 Ext. 574

AREAS OF INTEREST: Tissue culture research; antibiotics; bacterial derivatives, such as endotoxin; corticosteroids; allergy; cell toxicity.

INFORMATION SERVICES: Answers inquiries.

Central Office Film Library

2134 Veterans Administration
810 Vermont Ave. NW.
Washington, D.C. 20420
Tel: (202) 389-2780

AREAS OF INTEREST: Medical training and vocational rehabilitation.

HOLDINGS: Films produced by VA, other Government agencies, and commercial firms and organizations.

PUBLICATIONS: *Catalog of Films and Film Strips; Film Reference Guide for Medicine and Allied Sciences* (annual).

INFORMATION SERVICES: Films produced by the VA or by the Office of Education (of the Department of Health, Education, and Welfare) are listed in the above publications and are available for loan. All other films in the collections are restricted to VA use.

Medical and General Reference Library

2135 Veterans Administration
810 Vermont Ave. NW.
Washington, D.C. 20420
Tel: (202) 389-2678

AREAS OF INTEREST: Medicine; surgery; dentistry; pharmacy; physical medicine and rehabilitation; nursing; dietetics; social service; hospital administration; veterans' affairs; military histories; public administration; personnel administration; accounting; computers and automation; statistics; insurance.

25,000 volumes on administration, insurance, and veterans' affairs. Between 500 and 600 journal titles are received regularly.

PUBLICATIONS: Bibliographies on selected subjects (issued irregularly), such as *We Call It Bibliotherapy*, *Hospital Administration*, *Spinal Cord Injury*, and *Veterans of the Vietnam Era*.

INFORMATION SERVICES: The Library is not open to the public, but interlibrary loans are made to other Government agencies and to libraries in 180 VA hospitals and regional offices throughout the country.

Medical Illustration Service

2136 Veterans Administration Hospital
1030 Jefferson Ave.
Memphis, Tenn. 38104
Tel: (901) 725-9100

The Medical Illustration Service provides Hospital staff members with complete illustration services for records, publication, research, and education.

AREAS OF INTEREST: Medical illustrations, both art and photographic, depicting abnormal and typical aspects of disease.

HOLDINGS: Slide library of approximately 20,000 slides of abnormal pathological conditions in patients. The collection is cross-referenced by diagnosis.

PUBLICATIONS: Short papers published irregularly.

INFORMATION SERVICES: The library collection is available to qualified staff members of the Veterans Administration Hospital, related teaching schools, and to cooperating physicians and scientists. Consulting services are available to the staff on biological and medical illustration problems.

Medical Illustration Staff

2137 Veterans Administration
810 Vermont Ave. NW.
Washington, D.C. 20420
Tel: (202) 393-1420 Ext. 2215 or 2313

AREAS OF INTEREST: Medical exhibits.

PUBLICATIONS: *Medical Research in the Veterans Administration* (annual report to Congress; a limited number of copies are available from the Office of Scientific Communications Coordinator).

INFORMATION SERVICES: Medical exhibits are available for presentation at medical and scientific meetings, depending on suitability and costs of shipping and installation.

2138

Renal Disease and Toxicology Laboratory

2138 Veterans Administration Hospital
500 Foothill Blvd.
Salt Lake City, Utah 84113
Tel: (801) 582-1565 Ext. 248

AREAS OF INTEREST: Renal physiology; hemodialysis; sedatives (overdosage); gas chromatography.

PUBLICATIONS: Reports, critical reviews.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

Research in Laboratory Animal Medicine, Science, and Technology

2139 Veterans Administration Hospital
(Wadsworth)
Building 337
Wilshire and Sawtelle Blvds.
Los Angeles, Calif. 90073
Tel: (213) 478-3711 Ext. 4174

AREAS OF INTEREST: Research in laboratory animal medicine, science, and technology; animal husbandry; animal care; veterinary medicine.

HOLDINGS: The laboratory animals include dogs, cats, rabbits, primates, guinea pigs, rats, and mice. A small collection of books, periodicals, and reports is also maintained.

PUBLICATIONS: Research reports.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; makes referrals to other sources of information. Services are available only to VA research investigators.

Scientific Communications Office

2140 Veterans Administration
810 Vermont Ave. NW.
Washington, D.C. 20420
Tel: (202) 389-2124

AREAS OF INTEREST: All aspects of medical research, including internal medicine, pulmonary and infectious diseases, surgery, psychiatry, psychology and neurology, oral diseases, and basic sciences.

HOLDINGS: Records of all ongoing medical research projects in hospitals and clinics of the Veterans Administration.

PUBLICATIONS: An annual report containing a listing of all agency research projects, the location of the project and the principal investigators, lists of research publications, etc.

VETERANS ADMINISTRATION

INFORMATION SERVICES: Answers inquiries; makes referrals.

VILLANOVA UNIVERSITY

Division of Research and Development

2141 Villanova University
Villanova, Pa. 19085
Tel: (215) 527-2100

AREAS OF INTEREST: Engineering; chemistry; biology; physics; psychology.

HOLDINGS: The Division uses the collections of the University Library.

PUBLICATIONS: Brochure.

INFORMATION SERVICES: Answers brief inquiries; provides consulting services on fee basis.

VIRGIN ISLANDS DEPARTMENT OF HEALTH

Division of Environmental Health

2142 Virgin Islands Department of Health
Box 1442
Charlotte Amalie, St. Thomas Virgin Islands
00801
Tel: (809) 774-6880 Ext. 282

AREAS OF INTEREST: Environmental health, including water supply, water pollution, air pollution, solid waste, radiological health, food protection, general sanitation, and vector control.

INFORMATION SERVICES: Answers inquiries; provides free consulting services; makes referrals; disseminates health information; performs bacteriological and chemical analyses of water and sewage and identifies insects for a fee.

VIRGINIA COMMISSION OF GAME AND INLAND FISHERIES

2143 P.O. Box 1642
Richmond, Va. 23213

Location:

7 North 2d St.
Richmond, Va.
Tel: (703) 644-4111

VIRGINIA DEPARTMENT OF HEALTH

AREAS OF INTEREST: Fish and wildlife management and conservation in Virginia; game, inland fish, and boat laws; outdoor recreation; hunting; fishing; trapping; boating; safety.

HOLDINGS: 1,000 books; 85 motion pictures; 40,000 photos; 2,000 slides; maps and charts, data compilations.

PUBLICATIONS: *Virginia Wildlife Magazine*; reprints, pamphlets, press releases. A publications list is available.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; lends motion pictures; permits onsite use of collection.

VIRGINIA COMMONWEALTH UNIVERSITY

Medical College of Virginia

School of Pharmacy

2144 Medical College of Virginia
Health Sciences Division of Virginia
Commonwealth University
Richmond, Va. 23219
Tel: (703) 770-4648

AREAS OF INTEREST: Pharmacy, including pharmacology and pharmacognosy; toxicology as related to drugs, disease, poisonous plants, and contaminants of food, water, and air; nicotine and tobacco products metabolism.

HOLDINGS: The School of Pharmacy uses the collections of the medical center library.

PUBLICATIONS: Research articles by faculty members.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services.

Tompkins- McCaw Library

2145 Medical College of Virginia
P.O. Box 667
Richmond, Va. 23219

Location:
509 North 12th St.
Richmond, Va.
Tel: (703) 770-4582

AREAS OF INTEREST: Medicine, dentistry, pharmacy, nursing, and related life sciences; liberal arts; social sciences.

2147

HOLDINGS: 25,000 books; over 1,000 periodical titles; reports.

INFORMATION SERVICES: Provides reference services; provides duplication services for fee; makes inter-library loans; makes direct loans to persons affiliated with the institution; permits onsite use of collection. Services are available to all biomedical personnel in Virginia.

VIRGINIA COUNCIL ON HEALTH AND MEDICAL CARE

2146 100 East Franklin St.
Richmond, Va. 23219
Tel: (703) 649-0323

A nonprofit, voluntary organization, the Council was formed in 1946 to strengthen the overall health progress in Virginia through cooperative action.

AREAS OF INTEREST: Improvement of health and medical care in Virginia.

PUBLICATIONS: *Public Opinion Reports*; *Special Reports*; conference proceedings.

INFORMATION SERVICES: Serves as a clearinghouse for health information and information on health careers and carries on a school program designed to steer young people into the health professions; administers referral services for physicians, dentists, dietitians, and occupational therapists, helping them come together with areas in Virginia where their professional services are needed; conducts studies and surveys; sponsors Statewide conferences on problems relating to handicapped children and other health needs; promotes inter-organizational cooperation among the Statewide voluntary health organizations; maintains a Calendar of Events for the listing of health-related meetings to help eliminate possible conflicts in scheduling; plans and conducts Statewide and area nutrition forums.

VIRGINIA DEPARTMENT OF HEALTH

Bureau of Alcohol Studies and Rehabilitation

2147 Virginia Department of Health
Medical College of Virginia Hospital, Box
174
Richmond, Va. 23219
Tel: (703) 770-5620

AREAS OF INTEREST: Alcoholism research, including treatment of alcoholics and prevention of alcoholism.

HOLDINGS: Small collection of periodicals and reports.

PUBLICATIONS: Reports, books.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals.

Office of the Chief Medical Examiner

2148 Virginia Department of Health
9 North 14th St.
Richmond, Va. 23219
Tel: (703) 770-3174

AREAS OF INTEREST: Forensic pathology; diagnosis of poisoning; detection of poisons; interpretation of effects of poisons; pathology of trauma; forensic medicine.

HOLDINGS: Photos illustrating unusual and interesting medico-legal problems; books, periodicals, reports.

PUBLICATIONS: *Medico-Legal Bulletin* (monthly); *Medical Examiner's Handbook*; articles in professional journals.

INFORMATION SERVICES: Answers inquiries; provides consulting services; provides laboratory services, particularly detection and quantitation of poisons. Services are available to physicians, lawyers, and officials concerned with public health and public safety, and are provided free to Virginia medical examiners, law enforcement agencies, and health departments, and at cost to others.

The Office has laboratory facilities for analytical toxicology, microbiology, serology, photography, and histology.

VIRGINIA INSTITUTE OF MARINE SCIENCE

2149 Gloucester Point, Va. 23062
Tel: (703) 642-2111

AREAS OF INTEREST: All phases of seafood and commercial and sport fishing industries; conservation, development, and replenishment of fisheries and other marine resources; problems pertaining to other segments of the maritime economy; marine pollution; hydrographic and biological studies of the Chesapeake Bay, its tributaries, and all the tidal waters of Virginia and the contiguous waters of the Atlantic Ocean; marine sciences; waters, bottoms, shorelines, tidal wetlands, beaches, and all phenomena and problems related to marine waters.

HOLDINGS: 8,000 books; 350 periodicals; abstracts, indexes, preprints, reprints, publication lists,

brochures, reviews, standards and specifications, reports, graphs, tables, punched cards, project records, posters and other display materials, maps, charts, microcards, microfilm, data, samples, oceanographic-biological instruments, specimens of plankton, algae, and micro and macro parasites.

PUBLICATIONS: *Collected Reprints*; *Data Reports*; *Special Scientific Reports*; *Special Reports in Applied Science and Oceanic Engineering*; *Annual Report*; *Marine Resources Advisory Series*; *Educational Series*.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting and duplication services; permits onsite reference; identifies animals and plants; conducts summer courses and extension courses at advanced undergraduate and graduate levels; conducts field trips and lectures for visiting college, high school, and grammar school groups; conducts lecture programs for civic, service, and youth groups on special topics in marine science; conducts closed-circuit television programs for Chesapeake and Norfolk school systems at elementary school level.

VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY

Bright Tobacco Disease Research Station

2150 Virginia Polytechnic Institute and State University
P.O. Box 430
Chatham, Va. 24531
Tel: (703) 432-8113

AREAS OF INTEREST: Tobacco disease; plant pathology.

HOLDINGS: Small reference collection of books.

INFORMATION SERVICES: Answers inquiries.

Department of Entomology

2151 Virginia Polytechnic Institute and State University
Blacksburg, Va. 24061
Tel: (703) 552-6341

AREAS OF INTEREST: General entomology, with emphasis on insect genetics, genetics of insecticide resistance, insect biochemistry, electrophysiology, ecology, biological control of insects and weeds, behavior, forest insects, insects which attack man or animals, and coccidology.

HOLDINGS: Research collection of scale insects and other insects; reports.

PUBLICATIONS: Reports; bulletins of V.P.I.&S.U. Research Division.

INFORMATION SERVICES: Provides consulting services for fee, depending on amount of time and effort required.

Department of Horticulture

2152 Virginia Polytechnic Institute and State University
Blacksburg, Va. 24061
Tel: (703) 552-6351

AREAS OF INTEREST: Fruit, vegetable, and ornamental crop physiology, production, and utilization.

HOLDINGS: Collection of reports.

PUBLICATIONS: Leaflets on specific topics; reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

Department of Plant Pathology and Physiology

2153 Virginia Polytechnic Institute and State University
Blacksburg, Va. 24061
Tel: (703) 552-6361

AREAS OF INTEREST: Plant pathology, physiology, and nematology; weed control.

HOLDINGS: 500 periodical titles.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

Research Division

Agricultural and Life Science Research

2154 Research Division
Virginia Polytechnic Institute and State University
Blacksburg, Va. 24061
Tel: (703) 552-6110

AREAS OF INTEREST: General agriculture; soil; water; field crops; fruits and vegetables; livestock; poultry; food technology; human foods and nutrition; farm buildings; agricultural economics; forestry; wildlife; fisheries; community development; child and family development; ecology; entomology; limnology.

HOLDINGS: An extensive library of books (110,000), journals, and reports.

PUBLICATIONS: Monographs, bulletins, reports. A publications list is available.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals.

Water Resources Research Center

2155 Virginia Polytechnic Institute and State University
Blacksburg, Va. 24061
Tel: (703) 552-6701

AREAS OF INTEREST: Water resources; flood control; flood damage abatement; Virginia water law; water supply; aquatic biology and ecology; hydrology; sewage treatment; water economics; water resources legislation.

PUBLICATIONS: Bulletins describing the Center's investigations and seminars. Single copies are distributed free while the supply lasts.

INFORMATION SERVICES: Makes referrals.

VIRGINIA STATE COLLEGE

Department of Microbiology

2156 Virginia State College
Petersburg, Va. 23803
Tel: (703) 526-5111 Ext. 376

AREAS OF INTEREST: Public health microbiology; sanitary microbiology; immunology and medical microbiology; ecology; environmental microbiology.

HOLDINGS: Bacterial cultures; small collection of reports.

PUBLICATIONS: Reports, reprints.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Services are provided free to individuals and educational institutions and at cost to industries.

WADLEY INSTITUTES OF MOLECULAR MEDICINE

2157 9000 Harry Hines Blvd.
Dallas, Tex. 75235
Tel: (214) 281-9951 or 358-4111

AREAS OF INTEREST: Corticosteroids (adverse effects); drugs (clinical traits of certain experimental drugs); blood abnormalities, such as blood dyscrasias and leukemia; lymphosarcomas; lymphomas; cancers; autopsies of leukemia patients.

2158

HOLDINGS: Collection of books, periodicals, and reports.

PUBLICATIONS: Reports and other scientific publications.

INFORMATION SERVICES: Answers inquiries; provides consulting services for fee; makes referrals; makes interlibrary loans. Services are provided to medical personnel only.

WAIKIKI AQUARIUM

2158 2777 Kalakaua Ave.
Honolulu, Hawaii 96815
Tel: (808) 923-9741

AREAS OF INTEREST: Indo-Pacific marine zoology, including ichthyology and conchology.

HOLDINGS: Fish specimens; 500 books; journals, slides of Hawaiian sea shells, reef fish, birds, and crustacea.

INFORMATION SERVICES: Answers inquiries; identifies marine specimens of the Indo-Pacific area; permits onsite use of literature collection. The Aquarium is open to the public.

WALDEMAR MEDICAL RESEARCH FOUNDATION, INC.

2159 Sunnyside Blvd. at Waldemar Rd.
Woodbury, N.Y. 11797
Tel: (516) 433-2500

AREAS OF INTEREST: Aerosols; dusts; cigarettes; pesticides; virology; animal carcinogens; antibiotics; ataractics; chromatography; spectrometry; biophysics; immunology.

HOLDINGS: 5,000 books; 300 periodical titles.

INFORMATION SERVICES: Answers brief inquiries; provides consulting services free, except for extensive service; provides reference and literature-searching services; makes interlibrary loans; permits onsite use of collection.

WALLA WALLA COLLEGE

Marine Biological Station

2160 Department of Biological Sciences
Walla Walla College
College Place, Wash. 99324
Tel: (509) 525-7560

WAIKIKI AQUARIUM

Location:

Route 3, Box 555
Anacortes, Wash. 98221
Tel: (206) 293-2326

AREAS OF INTEREST: Marine biology; animal behavior; invertebrate zoology; biological oceanography; comparative physiology; marine parasites.

HOLDINGS: Specimens of Puget Sound organisms; collection of journals, motion pictures, and tapes of animal sounds.

INFORMATION SERVICES: Answers inquiries; makes referrals; lends material to institutions; exchanges material.

WARNER-LAMBERT RESEARCH INSTITUTE LIBRARY

2161 170 Tabor Rd.
Morris Plains, N.J. 07950
Tel: (201) 285-2875

AREAS OF INTEREST: Drugs; medicine; chemistry; pharmacology; pharmaceutical technology; biology; microbiology.

HOLDINGS: 20,000 books; 20,000 bound journals; 175 vertical file drawers of data; patents; films, photographs, maps, charts, reports.

PUBLICATIONS: Abstract journals, indexes, bibliographies, translations, new drug information on 3x5 cards.

INFORMATION SERVICES: Permits onsite use of collection by members of the Special Libraries Association; others must make advance arrangements.

WASHINGTON AGRICULTURAL EXPERIMENT STATION

see Washington State University

WASHINGTON AREA COUNCIL ON ALCOHOLISM AND DRUG ABUSE, INC.

Alcoholism and Drug Abuse Center

2162 Washington Area Council on Alcoholism and Drug Abuse, Inc.
1330 New Hampshire Ave. NW.
Washington, D.C. 20036
Tel: (202) 466-2323

AREAS OF INTEREST: Alcoholism and drug abuse, including public education and prevention and legal and legislative investigation and reform.

HOLDINGS: Small collection of books, periodicals, reports, and films.

PUBLICATIONS: *WACADA Reports* (quarterly newsletter); *Directory of Resources for Alcoholics; Substance Use and Abuse*.

INFORMATION SERVICES: Answers inquiries; provides consulting services for individuals and groups; provides reference services; makes referrals; lends materials; furnishes speakers; distributes literature; permits onsite use of collection.

WASHINGTON STATE DEPARTMENT OF AGRICULTURE

2163 P.O. Box 128
Olympia, Wash. 98501

Location:

General Administration Bldg.
12th and Columbia Sts.
Olympia, Wash.
Tel: (206) 753-5063

AREAS OF INTEREST: Agriculture in the State of Washington, including laws, regulations, and statistics; livestock disease control; animal and poultry industry; dairying; grain; weeds; seeds; feeds; fertilizers; pesticides; hops; potatoes; fruits; apples; wheat; flower bulbs; vegetables; berry crops; beekeeping; marketing; chemicals.

HOLDINGS: Records, documents, and statistical data.

PUBLICATIONS: *Crop Report*, *Washington Berry Crops*, *Washington Fruit Crops*, and *Washington Vegetable Crops* (all annual); *Washington Livestock*; *Washington Poultry*; and *Special Publications* (irregular).

INFORMATION SERVICES: Answers inquiries; provides reference and consulting services; makes referrals; disseminates publications.

WASHINGTON STATE DEPARTMENT OF FISHERIES LIBRARY

2164 General Administration Bldg., Room 115
Capitol Grounds
Olympia, Wash. 98501
Tel: (206) 753-6583

AREAS OF INTEREST: Fisheries technology, including research, gear, hatcheries, farming, resources,

statistics, management, laws and regulations, shellfish research, fishways and fish ladders, conservation, pollution, marine-commercial and sport fishing, stream clearance and maintenance, planting and tagging, and salmon fishing.

HOLDINGS: 3,500 books; 25 journals; 5,000 reports; 3 films; 3,000 preprints and reprints; 2,500 punched cards; maps, charts, standards and specifications, reviews, abstracts, indexes, newsletters, tapes, pamphlets, brochures, press releases, clippings.

PUBLICATIONS: Annual report, research papers and bulletins, technical reports, tapes, films, photos, slides, maps, posters, standards and specifications, state-of-the-art reviews, newsletters, reprints, pamphlets, press releases. A publications list is available.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting, bibliographic, and duplication services; makes interlibrary loans; permits onsite reference.

WASHINGTON STATE DEPARTMENT OF SOCIAL AND HEALTH SERVICES

2165 Public Health Bldg.
Olympia, Wash. 98501
Tel: (206) 753-5900

AREAS OF INTEREST: Environmental health; sanitary engineering; radiation control; dental health, including fluoridation of all public water supplies; speech and hearing programs; other aspects of public health.

HOLDINGS: Data on all aspects of public health in the State; 500 photos; 500,000 punched cards; standards and specifications, newsletters, publication lists, press releases, brochures, pamphlets.

PUBLICATIONS: *Washington's Health* (newsletter, 4 issues a year).

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services; permits onsite reference.

Alcoholism Division

2166 Washington State Department of Social and Health Services
Airport
Olympia, Wash. 98501
Tel: (206) 753-5925

AREAS OF INTEREST: Alcoholism (treatment, rehabilitation, prevention, research).

2167

PUBLICATIONS: *Focus* (5 times a year).

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals.

WASHINGTON STATE LIBRARY

2167 Washington State Capitol
Olympia, Wash. 98501
Tel: (206) 753-5592

AREAS OF INTEREST: Public health; highway engineering; pollution control; forestry; information storage and retrieval; medicine.

HOLDINGS: 208,914 volumes; 334,568 Federal documents; 97,143 Washington State documents; 98,451 other State documents; 2,045 periodical titles; 1,321 films; 6,375 recordings; microfilm.

INFORMATION SERVICES: Answers inquiries; provides literature-searching and duplication services; permits onsite reference.

WASHINGTON STATE UNIVERSITY

College of Pharmacy

2168 Washington State University
Pullman, Wash. 99163
Tel: (509) 335-4750

AREAS OF INTEREST: Pharmacy; pharmacognosy; pharmacology, including medicinal chemistry; biopharmaceutics; clinical pharmacy; adverse drug reactions.

HOLDINGS: Computer-based file of adverse drug reactions; collection of books.

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mechanics and management; runoff; soil mechanics; storm water; streamflow; water systems; thermal water problems; ungaged streams; urban problems; water law and water rights; water policy; water quality; watersheds.

HOLDINGS: Books, technical reports, reprints, pamphlets, maps, charts, photos, slides, data compilations.

PUBLICATIONS: Reports, reprints, pamphlets, press releases.

INFORMATION SERVICES: Answers technical inquiries; provides consulting services; permits onsite use of collections. Extensive library research is provided on a cost basis.

Washington Agricultural Experiment Station

2172 Washington State University
Pullman, Wash. 99163
Tel: (509) 335-4563

AREAS OF INTEREST: General agriculture; agronomy; agricultural chemistry; agricultural engineering; animal science; dairy science; entomology; forestry; range management; home economics; horticulture; plant pathology; poultry science; rural sociology; veterinary science; soil science; agricultural economics.

PUBLICATIONS: Technical reports and bulletins.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services.

Branch Stations: Dry Land Research Unit, Lind, Wash.; Irrigated Agriculture Research and Extension Center, Prosser, Wash.; Northwestern Washington Research Unit, Mount Vernon, Wash.; Southwestern Washington Research Unit, Vancouver, Wash.; Tree Fruit Research Center, Wenatchee, Wash.; Western Washington Research and Extension Center, Puyallup, Wash.

WASHINGTON STATE WATER POLLUTION CONTROL COMMISSION

2173 P.O. Box 829
Olympia, Wash. 98501
Tel: (206) 753-6874

AREAS OF INTEREST: Water pollution and water pollution control; water quality; water standards; municipal and industrial waste discharge; natural and environmental influences on water quality; water quality surveillance; enforcement of water quality standards; planning of water resources.

HOLDINGS: Small reference library of 250 books, 1,000 journals, and 2,500 other items, including Government documents, project records, research reports, annual and progress reports, planning studies, and technical bulletins. Water quality data is stored on paper tape and IBM punched cards.

PUBLICATIONS: Laws, rules, regulations, technical reports, and plans relating to water pollution and water pollution control; pamphlets and brochures of general interest in the area of water quality and pollution control.

INFORMATION SERVICES: Answers inquiries; makes referrals; distributes pamphlets, brochures, etc., relating to water pollution and water pollution control, published by Federal and other agencies; permits onsite use of literature collection; assists service organizations in public information and education programs; conducts chemical and biological analyses of pollution potential of wastes; answers complaints and reports of alleged water pollution, including the analyses of water samples submitted.

WASHINGTON UNIVERSITY, ST. LOUIS

Center for the Biology of Natural Systems

2174 Washington University, Box 1126
St. Louis, Mo. 63130
Tel: (314) 863-0100 Ext. 4485

AREAS OF INTEREST: Natural sciences and their use in solving practical environmental problems.

PUBLICATIONS: *CBNS Notes* (bimonthly newsletter of Center research and other relevant work).

INFORMATION SERVICES: Provides consulting services; makes referrals. The Center welcomes inquiries regarding its activities.

Department of Ophthalmology

2175 School of Medicine
Washington University
660 South Euclid Ave.
St. Louis, Mo. 63110
Tel: (314) 367-6400 Ext. 891

AREAS OF INTEREST: Ophthalmology; glaucoma; retina, external, and internal eye injuries (acids, alkalis, burns, foreign bodies); systemic caused ocular lesions; cataracts; retrolental fibroplasia; blindness; double vision.

2176

HOLDINGS: A departmental library of over 1,000 books.

PUBLICATIONS: Research reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

Department of Pediatrics

2176 Washington University
500 South Kings Highway
St. Louis, Mo. 63110
Tel: (314) 367-6880 Ext. 220

AREAS OF INTEREST: Pediatrics; inheritable defects; neurological and other congenital defects; infections; poisonings (medical and household agents); drugs; botanical teratogens.

HOLDINGS: 50,000 reports.

INFORMATION SERVICES: Answers inquiries; provides consulting, reference, and literature-searching services; makes referrals; makes immediately available files on contents of common household agents and medications.

WASHINGTONIAN CENTER FOR ADDICTION (BOSTON)

2177 41 Morton St.
Jamaica Plain (Boston), Mass. 02130
Tel: (617) 524-1540

AREAS OF INTEREST: Medical and psychiatric treatment of alcoholism and drug addiction.

HOLDINGS: Small collection of books.

PUBLICATIONS: Books, reprints, pamphlets.

INFORMATION SERVICES: Answers inquiries; provides consulting services free or for fee, depending on circumstances; provides reprints of professional articles on alcoholism and drug addiction.

WATER POLLUTION CONTROL FEDERATION

2178 3900 Wisconsin Ave. NW.
Washington, D.C. 20016
Tel: (202) 362-4100

AREAS OF INTEREST: All aspects of waste water handling and control of water pollution, including the following water subjects: aeration; aquatic biology; aquatic ecology; aqueous solutions; aquifers; chlorination; corrosion; detergents in water; droughts; estuaries; eutrophication; fish diseases;

WASHINGTON UNIVERSITY, ST. LOUIS

fishkills; fluid mechanics; fluoridation; water gaging; ground water and ground-water recharge; hydraulics; water instrumentation; irrigation; lakes; limnology; mine acid drainage; pesticides in water; water pollution control and abatement; effects and sources of water pollution; reservoirs; rivers; runoff; saline tolerance of crops; salt water intrusion; sedimentation; sewage treatment; sewers and sewerage; solutes and solutions; storms; streamflow; streams; water data telemetry; industrial, municipal, and radioactive wastes; waste treatment; waste water; water analysis; water chemistry; water compacts; water conservation; water cycle; water distribution; water economics; water law; water measurement; water microbiology; water quality; water reclamation; water requirements; water resources information systems, legislation, management, manpower, planning, publications, and research; water reuse; water rights; watersheds; agricultural, industrial, municipal, recreational, and rural water use.

HOLDINGS: 1,000 books; 3,000 reports; 4,500 journals; 500 abstracts and indexes; 1,000 newsletters and newspapers; 1,000 preprints and reprints; 500 pamphlets.

PUBLICATIONS: *Journal: Water Pollution Control Federation* (monthly, with quarterly research supplement); *Highlights* (monthly newsletter); *Deeds and Data* (monthly educational newsletter for operating personnel); manuals of technical practice in water pollution control, including safety, sewer use ordinances, chlorination, aeration, units of mathematical expression, sewer maintenance, sewer design, waste water treatment plant design and operation, accounting procedures, laboratory procedures, anaerobic sludge digestion, paints and protective coatings for waste water treatment facilities, and sludge dewatering; waste water treatment plant operator training courses and visual aids; public relations handbook; safety instructional materials.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides reference services; permits onsite use of literature collection by appointment.

WAYNE STATE UNIVERSITY

College of Pharmacy

2179 Wayne State University
5501 Second Ave.
Detroit, Mich. 48202
Tel: (313) 557-3750

AREAS OF INTEREST: Medicinal chemistry; pharmacology; drug toxicology; drug interactions; adverse drug reactions; pharmacobiodynamics; biopharmaceutics; pharmacokinetics; manufacturing; clinical pharmacy; administration; health care delivery systems; minority recruitment.

HOLDINGS: 3,445 books; 3,352 periodicals.

PUBLICATIONS: *Proceedings of the Annual Stephen Wilson Pharmacy Seminar* (available free); *Medication Profile Cards for Use in Drug Surveillance* (revised annually).

INFORMATION SERVICES: Provides consulting services in all areas of pharmaceutical interest; provides drug information resources.

Science Library

2180 Wayne State University
Detroit, Mich. 48202
Tel: (313) 577-4066

AREAS OF INTEREST: Biology; chemistry; engineering; geology; mathematics; nursing; pharmacy; physics.

HOLDINGS: 108,000 books; 87,000 bound periodicals; 52,000 Government documents.

INFORMATION SERVICES: Provides reference and duplication services; makes interlibrary loans; permits onsite reference.

Shiffman Medical Library

2181 Wayne State University
4325 Brush St.
Detroit, Mich. 48201
Tel: (313) 577-1088

AREAS OF INTEREST: Basic medical sciences, including clinical medicine and the history of medicine.

HOLDINGS: 31,738 books; 62,955 bound periodicals; 3,000 journal subscriptions.

PUBLICATIONS: *Wayne State University, Detroit. Medical Library. Report Series* (irregular).

INFORMATION SERVICES: Provides reference service (service to other than primary clientele is limited to simple facts and citation verification); lends monographs directly to qualified patrons; provides duplication service in lieu of lending journals; permits onsite use of materials. As a participating library in the Kentucky-Ohio-Michigan Regional Medical Library, the Library lends material requested by institutions in its designated service area or referred from other Regional Medical Libraries.

Biomedical Information Service Center

2182 Shiffman Medical Library
Wayne State University
4325 Brush St.
Detroit, Mich. 48201
Tel: (313) 577-1088

AREAS OF INTEREST: Need for, use of, and the development and operation of a medical library network. The Center's projects include studies of bibliographic control and processing, cost of medical library services, the availability of services and the uses made of them, development of monitoring systems, and the relationships and flow of documents and information among biomedical libraries.

INFORMATION SERVICES: Inquiries about individual projects should be addressed to the Director.

WEBB-WARING LUNG INSTITUTE

2183 4200 East 9th Ave.
Denver, Colo. 80220
Tel: (303) 394-8231

AREAS OF INTEREST: Research in acute and chronic pulmonary diseases; pulmonary pathology; pulmonary physiology; genetics; immunology; biochemistry; cell biology; clinical research.

HOLDINGS: Normal and emphysematous lung tissue as wet-fixed or fume fixed and dried 1cm slices, 6 micron paraffin sections, and 400 micron intracellular embedded sections for histology and sub-gross anatomy.

PUBLICATIONS: Reports, articles, and books by staff members; annual report.

INFORMATION SERVICES: Answers inquiries; provides copies of published articles; provides or maintains educational materials and exhibits related to lung biology and disease; conducts seminars and lectures. Services are primarily for scientists, physicians, and health-related organizations.

WEED SOCIETY OF AMERICA

2184 c/o Dr. Fred Slife, Business Manager
Agronomy Department
University of Illinois
Urbana, Ill. 61801
Tel: (217) 333-1277

AREAS OF INTEREST: Weeds and their control; extension, teaching, and regulatory activities of weed control; herbicide residues in plants, soils, and fish; herbicide toxicity to weeds and crop plants.

PUBLICATIONS: *Weeds* (quarterly).

2185

INFORMATION SERVICES: Provides consulting services.

WEST CHESTER STATE COLLEGE

Department of Biology

2185 West Chester State College
West Chester, Pa. 19380
Tel: (215) 436-2538

AREAS OF INTEREST: Biology, including botany, zoology, and microbiology; morphology, physiology, and ecology; aspects of general and applied biology; teaching and research.

HOLDINGS: The Darlington Herbarium, a collection of historical interest; the Warren Bird Collection; a reference collection of insects.

INFORMATION SERVICES: The collections are available to qualified investigators.

WEST TEXAS STATE UNIVERSITY

School of Agriculture

2186 West Texas State University
WT Station, Box 775
Canyon, Tex. 79015
Tel: (806) 656-2646

AREAS OF INTEREST: Animal science; plant science; agricultural business and economics.

HOLDINGS: Small collection of periodicals and reports.

PUBLICATIONS: Journal articles, reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services for fee; makes interlibrary loans.

WEST VIRGINIA AGRICULTURAL EXPERIMENT STATION

see West Virginia University

WEST VIRGINIA DEPARTMENT OF NATURAL RESOURCES

Division of Wildlife Resources

2187 West Virginia Department of Natural
Resources
1800 Washington St., East
Charleston, W. Va. 25305

WEST CHESTER STATE COLLEGE

Tel: (304) 348-2771

AREAS OF INTEREST: Game and Fish management in West Virginia; fishery and aquatic biology; ichthyology; wildlife research; herbicides; pesticides.

HOLDINGS: 10,000 pamphlets; 12,000 project records; 12,000 reprints; 50 standards and specifications; data.

PUBLICATIONS: Annual progress reports on research projects; pamphlets.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services.

WEST VIRGINIA HEALTH DEPARTMENT

Environmental Health Service

2188 West Virginia Health Department
1800 Washington St. East
Charleston, W. Va. 25311
Tel: (304) 343-4411 Ext. 2970

AREAS OF INTEREST: Sanitary engineering; industrial hygiene; sewage; water supply; water pollution; milk sanitation; restaurant sanitation; solid wastes; radiological hygiene; recreational sanitation.

HOLDINGS: Journals, maps, charts, standards and specifications.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services.

WEST VIRGINIA UNIVERSITY

Agriculture-Engineering Library

2189 Evansdale Campus
West Virginia University
Morgantown, W. Va. 26506
Tel: (304) 293-5039

AREAS OF INTEREST: Aerospace, agricultural, chemical, civil, electrical, industrial, and mechanical engineering; agriculture; forestry (excluding plant pathology and home economics).

HOLDINGS: 45,000 books and periodicals; 90,000 reports published by the Atomic Energy Commission and National Aeronautics and Space Administration (the Library serves as a selective depository library); 16,000 items from agricultural experiment stations in all States.

PUBLICATIONS: Union list of serials (annual).

sidents; provides duplication services; provides reference and bibliographic services to faculty and State residents; permits onsite reference.

General Library

2190 West Virginia University
Morgantown, W. Va. 26506
Tel: (304) 549-3411 Ext. 485

AREAS OF INTEREST: Physical, natural, medical, and social sciences; arts and humanities; law; West Virginia history.

HOLDINGS: 760,000 volumes; a special collection of West Virginia historical material, consisting of over 3 million manuscripts, papers, and records; technical reports and Government documents (the Library is a depository for U.S. Atomic Energy Commission reports).

PUBLICATIONS: Accessions list (monthly, available to libraries).

INFORMATION SERVICES: Makes interlibrary loans; permits onsite reference.

Herbarium

2191 Department of Biology
West Virginia University
Morgantown, W. Va. 26506
Tel: (304) 293-4993

AREAS OF INTEREST: Botany; plant taxonomy.

HOLDINGS: 131,243 plant specimens; journals, reports, maps, charts, monographs, data compilations.

PUBLICATIONS: *Contributions from the Herbarium* (irregular).

INFORMATION SERVICES: Answers inquiries; identifies plants; provides consulting, reference, literature-searching, and duplication services; makes referrals; permits onsite use of collections; participates in worldwide exchange program to borrow specimens.

School of Pharmacy

2192 West Virginia University Medical Center
Morgantown, W. Va. 26506
Tel: (304) 293-5211

AREAS OF INTEREST: Pharmacy, including pharmacology and pharmacognosy of natural products; pharmaceutical organic chemistry; pharmaceutical analytical chemistry.

a collection of 71,000 bound volumes and 1,000 periodical titles.

INFORMATION SERVICES: Answers inquiries; aids in identifying pharmaceutical and medicinal products. Fees may be charged for laboratory work.

Water Research Institute

2193 West Virginia University
Morgantown, W. Va. 26506
Tel: (304) 293-4201

AREAS OF INTEREST: Water resources in West Virginia, including standards for aquatic life in water polluted by mine acid drainage; microbiology of mine acid drainage streams; effects of mine acid water on fish, vascular aquatic plants, and sewage microbes; geochemical behavior of iron and manganese in reservoirs with mine acid drainage; runoff on small watersheds; surface and ground-water hydrography; hydrologic design of small drainage structures; influence of topographic features on rainfall; sedimentation in reservoirs; waste water treatment; other water quality and environmental areas.

PUBLICATIONS: *An Annotated Bibliography of Water Resource Papers Pertaining to West Virginia*; *West Virginia Water Symposium Proceedings, 1963*; *Influence of Topography on Rainfall in West Virginia* (Bulletin 1); *Survival and Activity of Sewage Microorganisms in Acid Mine Water* (Research Report 1); *Algae in Relation to Mine Water* (Journal Report 1).

INFORMATION SERVICES: Answers brief inquiries; makes referrals.

West Virginia Agricultural Experiment Station

2194 West Virginia University
Morgantown, W. Va. 26506
Tel: (304) 293-2991

AREAS OF INTEREST: General agriculture; animal industries and sciences; engineering; plant industries and sciences; economics; management; marketing; genetics; soil sciences; animal and plant pathology; biochemistry; bacteriology; entomology.

HOLDINGS: 500 books; 900 scientific papers.

PUBLICATIONS: *West Virginia Agriculture and Forestry* (quarterly); bulletins, circulars, current reports.

2195

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services; permits onsite reference.

Branch Stations: Ohio Valley Experiment Farm, Point Pleasant, W. Va.; Reedsville Experiment Farm, Reedsville, W. Va.; Reymann Memorial Farm, Wardensville, W. Va.; University Experiment Farm, Kearneysville, W. Va.

WESTCHESTER ACADEMY OF MEDICINE LIBRARY

2195 Purchase St.
Purchase, N.Y. 10577
Tel: (914) 948-4100

AREAS OF INTEREST: Clinical medicine; nursing; hospitals.

HOLDINGS: 11,750 books; 15,500 journals; 3,900 pamphlets; abstracts, bibliographies.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides duplication services for fee; permits onsite use of collection by the public.

WESTERN ASSOCIATION OF STATE GAME AND FISH COMMISSIONERS

2196 c/o Robert L. Salter, Secretary
P.O. Box 25
Boise, Idaho 83707
Tel: (208) 344-8471

AREAS OF INTEREST: Fish and wildlife research and management, including ecology, biology, limnology, sociology, and analytical methods; recreation.

PUBLICATIONS: *Proceedings of Western Association of State Game and Fish Commissioners* (annual).

INFORMATION SERVICES: Provides consulting services.

WESTERN CAROLINA UNIVERSITY

Department of Biology

2197 Western Carolina University
Cullowhee, N.C. 28723
Tel: (704) 293-7244

AREAS OF INTEREST: Biological sciences.

HOLDINGS: Herbarium of 10,000 specimens, mostly from North and South Carolina; small collection of books and periodicals.

WESTCHESTER ACADEMY OF MEDICINE LIBRARY

INFORMATION SERVICES: Answers inquiries; provides consulting services; permits onsite use of all collections and facilities by qualified scientists.

WESTERN KENTUCKY UNIVERSITY

Ogden College of Science and Technology

2198 Western Kentucky University
Bowling Green, Ky. 42101
Tel: (502) 745-4448

AREAS OF INTEREST: Flame photometry; atomic absorption spectroscopy; Lewis acid-base interactions of group IIIA metal acids; organometallic chemistry of platinum; organic photochemistry; emission spectroscopy; analysis of gold-silver alloys; crayfish variability; optical sound; parasitology (fish); taxonomy and ecology of fresh water algae; thermoluminescence; radiation detection and measurement; X-ray analysis; neutron inelastic scattering; neutron activation analysis; photosensitization; organic semiconductors; solid state chemistry; acoustics; polymer physics; statistical mechanics; electronics; radio astronomy; long wave radio astronomy; geostrophysics; thermoelectric properties of oxides; homogenous catalysis.

INFORMATION SERVICES: Answers inquiries; provides consulting services, normally for a fee.

WESTERN MICHIGAN UNIVERSITY

C. C. Adams Center for Ecological Studies

Waldo Library

2199 Western Michigan University
Kalamazoo, Mich. 49001
Tel: (616) 383-1600

AREAS OF INTEREST: Avian and plant ecology.

HOLDINGS: Books, journals, reports, data.

PUBLICATIONS: Report/monograph series, bibliographies.

INFORMATION SERVICES: Answers inquiries; permits onsite use of collection. Services are available primarily to the scientific public.

WHOOING CRANE CONSERVATION ASSOCIATION

2200 c/o Mr. Jerome J. Pratt, Secretary
R.R. 1, Box 485A
Kula, Maui, Hawaii 96790

AREAS OF INTEREST: Conservation of whooping cranes; ecological conditions of the whooping crane's habitat, especially the environmental effects of pollution and its mode of exposure.

HOLDINGS: Small reference collection of technical reports, books, and clippings.

PUBLICATIONS: *Grus Americana* (quarterly newsletter); brochure, membership list, news releases.

INFORMATION SERVICES: Answers inquiries.

THE WILDERNESS SOCIETY

2201 729 15th St. NW.
Washington, D.C. 20005
Tel: (202) 347-4132

AREAS OF INTEREST: Preservation and use of wilderness areas, including legislation and education; wildlife and watershed management; wildlife protection; effects of pesticides on fish and wildlife.

HOLDINGS: Small working collection of books and periodicals.

PUBLICATIONS: *The Living Wilderness* (quarterly).

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting and limited literature-searching services.

WILDLIFE MANAGEMENT INSTITUTE

2202 709 Wire Bldg.
1000 Vermont Ave. NW.
Washington, D.C. 20005
Tel: (202) 347-1774

AREAS OF INTEREST: Wildlife management; conservation; natural resources; biology; pertinent legislation; laws, programs, and procedures of state conservation departments.

HOLDINGS: 2,000 volumes.

PUBLICATIONS: *Outdoor News Bulletin* (biweekly); *Transactions of the North American Wildlife and Natural Resources Conferences* (annual); books, descriptive brochures, pamphlets, leaflets, reprints.

INFORMATION SERVICES: Answers technical inquiries; provides consulting services; makes referrals; permits onsite use of literature collection.

THE WILDLIFE SOCIETY, INC.

2203 3900 Wisconsin Ave. NW., Suite S-176
Washington, D.C. 20016
Tel: (202) 363-2435

AREAS OF INTEREST: Wildlife research, management, and science; conservation; facts on the biology, life history, and ecology of wildlife; fish; birds; mammals; herbicides, pesticides, radioactive contamination, and pollution and their effects on aquatic and terrestrial wildlife and their respective environments.

HOLDINGS: Small reference collection of books, periodicals, and reports.

PUBLICATIONS: *Journal of Wildlife Management* (quarterly); *Wildlife Society News* (bimonthly); books, indexes, bibliographies, directories, reports, critical reviews, standards and specifications for education in wildlife field.

INFORMATION SERVICES: Answers brief inquiries; makes referrals; provides consulting services.

WILLIAM BEAUMONT GENERAL HOSPITAL

Department of Medical Research and Development

2204 William Beaumont General Hospital
El Paso, Tex. 79920
Tel: (915) 568-6711

AREAS OF INTEREST: Analytical, clinical, and forensic toxicology (applied and research).

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers brief inquiries; makes referrals; permits onsite use of collection. Consulting services are provided to agencies of the U.S. Government.

WILLIAM F. CLAPP LABORATORIES

see Battelle Memorial Institute

2205

WILLIAM JEWELL COLLEGE

Herbarium

2205 Department of Biology
William Jewell College
Liberty, Mo. 64068
Tel: (816) 781-3806

AREAS OF INTEREST: Botany.

HOLDINGS: 33,000 plant specimens; small collection of books, periodicals, and reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services; permits onsite use of collections.

WILLS EYE HOSPITAL AND RESEARCH INSTITUTE

2206 1601 Spring Garden St.
Philadelphia, Pa. 19130
Tel: (215) 569-8200

AREAS OF INTEREST: Eye; eye tumors; eye trauma; glaucoma; retina; cornea; uveitis; strabismus; vision; blindness; ocular toxicology, including drug reactions and ocular manifestations of toxic agents; lens biochemistry; corneal and uveal immunology; experimental retinoblastoma; lenses and lense safety.

HOLDINGS: 5,000 books; 100 periodical titles; 3 vertical files of materials; History of American Ophthalmology collection.

PUBLICATIONS: Textbooks; reports in scientific literature.

INFORMATION SERVICES: Answers brief inquiries free; provides more extensive services, including consultation, on negotiated fee basis. The Research Institute performs grant and contract research, as do some individual staff members.

WINE INSTITUTE

2207 717 Market St.
San Francisco, Calif. 94103
Tel: (415) 986-0878

AREAS OF INTEREST: Wine; winemaking (enology); grapes; viniculture; wine and grape economics; wine history.

WILLIAM JEWELL COLLEGE

HOLDINGS: 2,000 books; journals, reports, data.

PUBLICATIONS: Statistical compilations, conference proceedings.

INFORMATION SERVICES: Answers nontechnical inquiries; provides reference services to members only; permits onsite use of collection by appointment.

WISCONSIN AGRICULTURAL EXPERIMENT STATION

see University of Wisconsin

WISCONSIN DEPARTMENT OF HEALTH AND SOCIAL SERVICES

Division of Health

2208 Wisconsin Department of Health and Social Services
P.O. Box 309
Madison, Wis. 53701

Location:

1 West Wilson St., Room 500
Madison, Wis.

Tel: (608) 266-2661

AREAS OF INTEREST: Health and sanitation; medicine; public health; health education; vital statistics.

HOLDINGS: Tapes, films, display materials, graphs, reports, standards, reviews, journals, newsletters, reprints, bibliographies, pamphlets, clippings, data.

PUBLICATIONS: *Wisconsin's Health* (quarterly newsletters, monographs, bibliographies, pamphlets, press releases, films, slides, publication lists, film catalogs.

INFORMATION SERVICES: Answers inquiries; provides consulting services; makes referrals; lends films and tapes.

WISCONSIN DEPARTMENT OF NATURAL RESOURCES

2209 P.O. Box 450
Madison, Wis. 53701

Location:

4610 University Ave.
Madison, Wis.

Tel: (608) 266-2621

AREAS OF INTEREST: Conservation of natural resources; fish and game research and management; forestry; water resources; air and water pollution; solid waste disposal; pesticides; herbicides; fishkills.

HOLDINGS: Data from 70 research studies on fish, game, and water; 90 films; 10,000 photos; small technical library.

PUBLICATIONS: *Wisconsin Conservation Bulletin* (bimonthly); *Research in Wisconsin* (annual digest of research results in fish management); *Wetlands Inventory of Counties*; *Inventory of Surface Water Resources in Wisconsin*, by county; Technical Bulletin Series; Research Report Series.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services; permits onsite reference; lends films.

WISCONSIN STATE UNIVERSITY, LA CROSSE

Department of Biology

2210 Wisconsin State University
La Crosse, Wis. 54601
Tel: (608) 785-1800 Ext. 253

AREAS OF INTEREST: Aquatic biology; audio-tutorial approach to college teaching; microbiology.

INFORMATION SERVICES: Answers inquiries; provides reference and literature-searching services; provides consulting services for fee.

WISCONSIN STATE UNIVERSITY, PLATTEVILLE

Department of Agricultural Sciences

2211 College of Agriculture
Wisconsin State University
Platteville, Wis. 53818
Tel: (608) 342-1371

AREAS OF INTEREST: Animal science (dairy, beef, sheep, poultry); soil science; crop science.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

WISCONSIN STATE UNIVERSITY, RIVER FALLS

Department of Plant and Earth Science

2212 Wisconsin State University
River Falls, Wis. 54022
Tel: (715) 425-6701 Ext. 318

AREAS OF INTEREST: Earth science (geology); soils; agronomy; horticulture.

PUBLICATIONS: Reports.

INFORMATION SERVICES: Answers inquiries; provides consulting services. Services requiring extensive work necessitate a fee.

WISTAR INSTITUTE OF ANATOMY AND BIOLOGY

2213 36th and Spruce Sts.
Philadelphia, Pa. 19104
Tel: (215) 222-6700

AREAS OF INTEREST: Animal virology; developmental biology; tumor biology; reproductive and molecular biology; mammalian cells in culture; biochemistry of arteriosclerosis and atherosclerosis; biochemistry of aging and cellular development.

HOLDINGS: 5,000 books; 275 journal subscriptions; the I. J. Wistar collection of classics and Americana.

PUBLICATIONS: *Journal of Morphology* (monthly); *The Journal of Comparative Neurology* (monthly); *The Anatomical Record* (monthly); *The American Journal of Anatomy* (monthly); *The Journal of Experimental Zoology* (monthly); *American Journal of Physical Anthropology* (bimonthly); *Journal of Cellular Physiology* (bimonthly); *Teratology* (quarterly, published jointly with the Teratology Society).

INFORMATION SERVICES: Provides consulting services on contract basis; makes interlibrary loans; makes direct loans to students and faculty of the University of Pennsylvania; permits onsite use of collection.

WOMEN'S VETERINARY MEDICAL ASSOCIATION

2214 c/o Dr. Vicki Mannschreck, Secretary
Rt. 2, Box 78-C
Roswell, N. Mex. 88201

2215

AREAS OF INTEREST: Veterinary medicine; careers for women in veterinary medicine.

PUBLICATIONS: *Quarterly Bulletin of the Women's Veterinary Medical Association*.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

WORCESTER FOUNDATION FOR EXPERIMENTAL BIOLOGY

George F. Fuller Library

2215 Worcester Foundation for Experimental
Biology
222 Maple Ave.
Shrewsbury, Mass. 01545
Tel: (617) 842-8921 Ext. 302

AREAS OF INTEREST: Biomedical sciences, with emphasis on molecular biology, reproductive physiology, and neurophysiology and behavior.

HOLDINGS: 4,000 books; 7,000 bound periodicals; 1,000 reports; patents.

PUBLICATIONS: Reports, reprints.

INFORMATION SERVICES: Answers inquiries; provides reference services; provides duplication services at cost; makes interlibrary loans; permits onsite use of collection by staffs of institutions of higher education; lends material to staff members and medical professionals.

Facilities include a Xerox 3600 III and microcard reader.

WORCESTER STATE COLLEGE

Department of Biology

2216 Worcester State College
486 Chandler St.
Worcester, Mass. 01602
Tel: (617) 756-5121 Ext. 250

AREAS OF INTEREST: Taxonomy of traditional floral and faunal groups, including vertebrates, invertebrates, mycology, and angiosperms.

INFORMATION SERVICES: Answers inquiries; provides taxonomy and natural history advice.

WORCESTER FOUNDATION FOR EXPERIMENTAL BIOLOGY

WORLD LIFE RESEARCH INSTITUTE

International Biotoxicological Center (IBC)

2217 23000 Grand Terrace Rd.
Colton, Calif. 92324
Tel: (714) 825-4773 or 783-0077

The IBC serves as the official documentation and reference center in marine biotoxicology for the World Health Organization, the Food and Agriculture Organization, and the Intergovernmental Oceanographic Commission of UNESCO.

AREAS OF INTEREST: Marine biotoxicology; marine pollution; phytotoxicology; venomous reptiles, amphibians, and arthropods; poisonous and medicinal plants.

HOLDINGS: Extensive collection on biotoxicology, including data from ancient civilizations and in all major languages of the world; extensive files of unpublished documents covering such areas as Asia, Latin America, Europe, Africa, and the Pacific Islands.

PUBLICATIONS: *Poisonous and Venomous Marine Animals of the World* (3-volume monograph); bibliographies, books, reviews.

INFORMATION SERVICES: Provides consulting, reference, literature-searching, and duplication services for fee or on contract basis.

WYOMING AGRICULTURAL EXPERIMENT STATION

see University of Wyoming

WYOMING DEPARTMENT OF AGRICULTURE

Division of State Laboratories

2218 Wyoming Department of Agriculture
P.O. Box 3228
Laramie, Wyo. 82070

Location:

151 Physical Sciences Bldg.
University of Wyoming Campus
Laramie, Wyo.
Tel: (307) 742-2984

AREAS OF INTEREST: Analysis and testing of water, pesticides, herbicides, antibiotics, heavy metals, and

alkaloids; poisonous plants; drugs; narcotics; food additives; food poisoning; contamination of milk; fishkills; water quality in Wyoming, including Yellowstone and the Grand Teton National Parks.

HOLDINGS: Data.

PUBLICATIONS: Biennial report.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services; performs laboratory analyses; permits onsite use of data collection. A fee may be charged for extensive services.

WYOMING DEPARTMENT OF HEALTH AND SOCIAL SERVICES

Division of Health and Medical Services

Disease Prevention and Environmental Control Section

2219 Division of Health and Medical Services
Wyoming Department of Health and Social Services
State Office Bldg.
Cheyenne, Wyo. 82001
Tel: (307) 777-7512 or 777-7424

AREAS OF INTEREST: All aspects of environmental surveillance and control, including water supply, purity, and treatment, water pollution, waste disposal, food services, general sanitation, mobile home parks, recreation, institutions, and all other phases of general environmental sanitation.

HOLDINGS: Reference materials, data.

PUBLICATIONS: Standards and specifications.

INFORMATION SERVICES: Answers inquiries; makes referrals; provides consulting services free to Wyoming residents; permits onsite use of collection; performs bacteriological analyses of water samples; reviews plans and specifications of proposed construction.

Laboratory Services

2220 Division of Health and Medical Services
Wyoming Department of Health and Social Services
State Office Bldg.
2300 Central Ave.
Cheyenne, Wyo. 82001
Tel: (307) 777-7313

AREAS OF INTEREST: Diagnostic microbiology; sanitary bacteriology.

HOLDINGS: Small collection of books, periodicals, and reports.

PUBLICATIONS: Reports, standards, specifications.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services; provides diagnostic services to hospitals and medical personnel only.

WYOMING GAME AND FISH COMMISSION

2221 P.O. Box 1589
Cheyenne, Wyo. 82001
Tel: (307) 777-7735

AREAS OF INTEREST: Fish and game in Wyoming, including fish and game management, life history, environmental studies, and harvest utilization studies; herbicides, pesticides, and/or other substances causing fish or wildlife kills; stream pollution; conservation.

HOLDINGS: 100 technical reports.

PUBLICATIONS: Annual report, survey reports, project records.

INFORMATION SERVICES: Answers inquiries; makes referrals.

Game and Fish Research Laboratory

2222 Wyoming Game and Fish Commission
University of Wyoming
Box 3228
Laramie, Wyo. 82070
Tel: (307) 745-5865

AREAS OF INTEREST: Diagnosis and research on diseases and parasites of mammals, birds, and fish; normal and pathological histology of mammals, birds, and fish; effects on game, birds, and fish of industrial and agricultural pollutants; effects on fish of therapeutic drugs and antibiotics; effects on wild ruminants of tranquilizing, anesthetizing, and immobilizing drugs; identification of blood, tissue, hair, and feather samples of species; analysis of game species used as poison bait to determine poison present; effects on fish and wildlife of naturally occurring ions in surface and pumped well water; ecology of wild ruminants; food habits and nutrition of wild ruminants; range use evaluation and carrying capacities for game and livestock.

HOLDINGS: 150 animal specimens; 500 photos; 700 slides; 150 maps and charts; 3,000 reports; 100 books; 2,000 reprints; 24 years of project records; reviews, pamphlets, abstracts, indexes, newsletters, bibliographies, booklets, leaflets, brochures.

PUBLICATIONS: Pamphlets, booklets, leaflets, brochures, journal articles, annual report.

INFORMATION SERVICES: Answers inquiries; provides consulting services; identifies plants and animals; makes referrals; permits onsite reference.

X-RAY ATTENUATION COEFFICIENT INFORMATION CENTER

see Commerce, Department of. National Bureau of Standards

XAVIER UNIVERSITY OF LOUISIANA

College of Pharmacy

2223 Xavier University of Louisiana
7325 Palmetto St.
New Orleans, La. 70125
Tel: (504) 486-7411 Ext. 208

AREAS OF INTEREST: Pharmacy; pharmaceutical chemistry; pharmacology; drug products; poisonous plants; biochemistry; crude drugs; drug tolerance and addiction; pharmacy services to neighborhood and inner city health clinics.

HOLDINGS: 3,672 books; 97 periodical titles.

PUBLICATIONS: Scientific articles and papers by staff members.

INFORMATION SERVICES: Answers inquiries; provides consulting and reference services. Services are provided free unless requested by a commercial firm for its own purposes.

YALE UNIVERSITY

Forestry Library

2224 Yale University
205 Prospect St.
New Haven, Conn. 06511
Tel: (203) 436-0577

The Forestry Library is a unit of the Yale University Libraries housed in the School of Forestry.

AREAS OF INTEREST: Sciences underlying or related to forestry, including tree physiology, anatomy and developmental morphology of trees, tree pathology, genetics, biometeorology, air pollution meteorology, wildlife ecology, population ecology, terrestrial ecosystem analysis, and modeling, methods, and theoretical approaches in ecology; scientific and technical fields essential to natural resource management, including economics and policy, sociology of natural resources, leisure, and outdoor recreation, wildlife management, operations analysis, mathematical and statistical methods of forest measurement, silviculture, forest management, land use planning, history of land use and conservation, and environmental education.

HOLDINGS: 105,000 volumes; 390 periodical titles; several hundred other serials. Included are extensive holdings of foreign forestry and forest science literature.

PUBLICATIONS: *Dictionary Catalog of the Yale Forestry Library* (12 vols., Boston, G. K. Hall, 1962).

INFORMATION SERVICES: Makes interlibrary loans; permits onsite use of collection by qualified persons. Reference services are provided to non-Yale persons at the discretion of the librarian.

Peabody Museum of Natural History

Library

2225 Peabody Museum of Natural History
Yale University
170 Whitney Ave.
New Haven, Conn. 06511
Tel: (203) 436-0874

AREAS OF INTEREST: Natural history, including anthropology, ethnology, archeology, geology, biology, and the history of science.

HOLDINGS: 86,000 books; journals, photos, slides.

PUBLICATIONS: *Bulletin* (occasional); *Postilla* (occasional).

INFORMATION SERVICES: Answers inquiries; makes referrals; permits onsite use of collection. Services are available to qualified researchers.

School of Medicine

Gastrointestinal Study Unit

2226 Yale University School of Medicine
333 Cedar St.
New Haven, Conn. 06510

ZOOLOGICAL SOCIETY OF SAN DIEGO

2230

Tel: (203) 562-1161 Ext. 2237

AREAS OF INTEREST: Inflammatory bowel disease; cancer of the digestive tract; gastrointestinal physiology.

HOLDINGS: Small collection of books, journals, reviews, photos, slides, abstracts, and reprints.

INFORMATION SERVICES: Answers inquiries; provides consulting services.

Yale Medical Library

2227 333 Cedar St.

New Haven, Conn. 06510

Tel: (203) 436-2960 (Reference and Interlibrary Loan)
(203) 436-4784 (Librarian)

AREAS OF INTEREST: Internal medicine; history of medicine; psychology; human anatomy; physiology; biochemistry; microbiology; pathology; surgery; ophthalmology; otorhinolaryngology; gynecology; obstetrics; pediatrics; dermatology; psychiatry; human genetics; pharmacology; biology; public health; nursing; toxicology; biometry; radiology; anesthesiology; physical medicine and rehabilitation; child study; dentistry.

HOLDINGS: 180,000 books; 130,000 bound periodicals; 3,000 periodical subscriptions; 100,000 foreign medical theses; films and audiotapes, manuscripts, microforms, prints and drawings, weights and measures, oil paintings (medical anomalies, by Lam-Qua), early medical instruments.

PUBLICATIONS: *Users' Guides* (1, Services and Resources; 2, Historical Collections).

INFORMATION SERVICES: Provides reference and literature-searching services; provides duplication services for fee; makes direct and interlibrary loans; permits onsite use of collections. Services are available to any member of the health professions.

YERKES REGIONAL PRIMATE RESEARCH CENTER LIBRARY

see Emory University

YESHIVA UNIVERSITY

Albert Einstein College of Medicine

Department of Anesthesiology

2228 Albert Einstein College of Medicine
Eastchester Rd. and Morris Park Ave.
Bronx, N.Y. 10461
Tel: (212) 430-3071

AREAS OF INTEREST: Anesthetics; narcotics; sedatives; shock; microcirculation.

HOLDINGS: 1,000 books; 50 periodical titles; 5,000 reports.

PUBLICATIONS: Books, reports, reviews.

INFORMATION SERVICES: Answers inquiries; provides consulting services, generally free.

ZOOLOGICAL SOCIETY OF SAN DIEGO

2229 P.O. Box 551

San Diego, Calif. 92112

Tel: (714) 234-5151

AREAS OF INTEREST: Zoology; veterinary medicine.

HOLDINGS: 2,200 books; 50 journals; films, photographs, data.

PUBLICATIONS: *Zoonoos* (monthly); zoo guidebooks; scientific papers published in appropriate journals.

INFORMATION SERVICES: Provides consulting services; permits onsite use of literature collection.

Institute for Comparative Biology

2230 Zoological Society of San Diego

P.O. Box 551

San Diego, Calif. 92112

Location:

Balboa Park

San Diego, Calif.

Tel: (714) 234-5151

AREAS OF INTEREST: Comparative biology, including special zoological features found only in a large zoo environment; animal pathology and virology; clinical veterinary medicine.

HOLDINGS: 4,500 animals representing 1,400 species.

INFORMATION SERVICES: Answers inquiries; provides reference and consulting services and conducts research in the area of comparative biology, with special emphasis on exotic animals; identifies animal species; prepares analyses for special subjects; makes referrals.

SUBJECT INDEX

This subject index has been prepared by computer processing (with some manual editing) of a previously indexed companion file maintained for retrieval operations by the National Referral Center. The index terms were thus assigned independently of the approved text appearing in the entries of the *Directory* proper, although they are based on the same raw source data from which the entries themselves were originally drafted. Clearly an expedient, the method was dictated by time and personnel constraints. The terminology employed is, with some exceptions, that found in the Department of Defense/Engineers Joint Council *Thesaurus of Engineering and Scientific Terms*.

Entry numbers rather than page numbers are cited throughout.

Abdomen

American Society of Abdominal Surgeons, 0270

Abortion

Association for the Study of Abortion, Inc., 0340

See also Population control

Absorption (biology)

Agriculture, Department of, 0051

Acoustic measurement

Mine Safety Appliances Co. Library, 1136

Acoustics

Denver Public Library, 0598

Institute of Environmental Sciences, 0884

Navy, Department of the, 1246

Western Kentucky University, 2198

Adenoviruses

Cornell University, 0566

Saint Louis University, 1535

See also Viruses

Adhesives

University of Washington, 2077

Adolescent psychology

Children's Hospital Medical Center, 0458

Society for Adolescent Psychiatry, Inc.

(New York), 1586

See also Psychology

Adrenal cortex

Adrenal Metabolic Research Society of the

Hypoglycemia Foundation, Inc., 0006

Adventitious species

Smithsonian Institution, 1574

Aerobiology

American Phytopathological Society, 0250

Army, Department of the, 0315

University of California, Berkeley, 1764

Aerosols

Army, Department of the, 0314, 0315

Battelle Memorial Institute, 0365

Chemical Specialties Manufacturers

Association, Inc., 0452

See also Air pollution

Aerospace environment

American Astronautical Society, 0169

Institute of Environmental Sciences, 0884

National Aeronautics and Space

Administration, 1185

Aerospace life support systems

Air Force, Department of the, 0106, 0110

See also Life support systems; Spacecraft environments

Aerospace medicine

Aerospace Medical Association, 0009

Air Force, Department of the, 0105, 0106, 0108, 0110

Airline Medical Directors Association, 0115

American Astronautical Society, 0169

Army, Department of the, 0322

Biosciences Information Service of

Biological Abstracts, 0381

Defense, Department of, 0584

Fairchild Hiller, 0664

Flying Physicians Association, Inc., 0693

Harvard University, 0752, 0753

National Aeronautics and Space

Administration, 1183, 1184, 1185, 1186

Transportation, Department of, 1706

See also Stress physiology

Aflatoxins

California State College at Los Angeles, 0431

See also Toxins

Agricultural chemistry

Agriculture, Department of, 0019, 0056, 0069, 0099

American Chemical Society, 0178

American Phytopathological Society, 0250

Association of Official Analytical

Chemists, 0344

Association of Official Seed Analysts, 0346

Battelle Memorial Institute, 0364

Colorado Department of Agriculture, 0475

Congress of the United States, 0544

Hoffmann-LaRoche Inc., 0823

Iowa State University of Science and Technology, 0944

Kansas State University, 0980, 0983

Louisiana Department of Agriculture, 1022

Louisiana State University, 1030

Louisiana Tech University, 1035

Maine Department of Agriculture, 1047

Montana State University, 1162

National Agricultural Chemicals

Association, 1187

Nevada Department of Agriculture, 1258

New Hampshire Department of

Agriculture, 1269

SUBJECT INDEX

Ohio Department of Agriculture, 1372
 Oklahoma Board of Agriculture, 1392
 Oklahoma State University, 1399
 Oregon State University, 1411
 Pennsylvania State University, 1454
 Pfizer, Inc., 1457
 Purdue University, 1495
 Rutgers--The State University, 1523
 Texas A&M University, 1688
 University of Arizona, 1733
 University of Delaware, 1819, 1823
 University of Hawaii, 1857, 1858, 1859
 University of New Hampshire, 1979
 University of Rhode Island, 2031
 University of Wyoming, 2109
 Utah Department of Agriculture, 2114
 Washington State Department of Agriculture, 2163
 Washington State University, 2172
 West Virginia University, 2189, 2194
 Wyoming Department of Agriculture, 2218

Agricultural development

Agriculture, Department of, 0065, 0082
 Michigan State University, 1122
 University of Kentucky, 1898
 University of Minnesota, 1953
See also Economic development

Agricultural economics

Agriculture, Department of, 0019, 0055, 0069, 0099
 Arizona State University, 0303
 Arkansas Agricultural Experiment Station, 0304
 Auburn University, 0353
 Clemson University, 0465
 Congress of the United States, 0544
 Iowa State University of Science and Technology, 0950
 Kansas State University, 0980
 Louisiana Department of Agriculture, 1021
 Louisiana State University, 1029, 1030
 Maine Department of Agriculture, 1047
 Michigan State University, 1122
 Montana State University, 1162
 Nebraska Department of Agriculture, 1254
 North Carolina State University at Raleigh, 1336
 Ohio Agricultural Research and Development Center, 1371
 Ohio State University, 1376
 Oklahoma State University, 1399
 Pennsylvania State University, 1454
 Pickle Packers International, Inc., 1468
 Purdue University, 1491, 1496
 Sam Houston State University, 1539
 South Dakota State University, 1613
 Tennessee Valley Authority, 1680
 Texas A&M University, 1688, 1689

University of Alaska, 1729
 University of Arizona, 1733
 University of Connecticut, 1818
 University of Delaware, 1819, 1823
 University of Florida, 1838, 1841, 1842
 University of Georgia, 1851
 University of Hawaii, 1857, 1859
 University of Idaho, 1868
 University of Illinois, 1871, 1877
 University of Kentucky, 1898, 1901
 University of Maine, 1909, 1913
 University of Massachusetts, 1930
 University of Minnesota, 1956
 University of Nevada, 1977
 University of New Hampshire, 1982
 University of Puerto Rico, 2022
 University of Tennessee, 2045
 University of Wisconsin, 2102
 University of Wyoming, 2109
 Utah State University, 2121
 Washington State University, 2172
 West Texas State University, 2186
 West Virginia University, 2189, 2194

Agricultural education

Agriculture, Department of, 0099
 Congress of the United States, 0544, 0546
 Farm Film Foundation, 0669
 Ohio State University, 1376
 Oklahoma State University, 1399
 Pennsylvania State University, 1454
 Sam Houston State University, 1539
 University of Arizona, 1733
 University of Delaware, 1819
 University of Wisconsin, 2102

Agricultural engineering

Agriculture, Department of, 0019, 0056, 0069, 0084, 0085, 0086, 0087, 0088, 0089, 0090, 0091, 0099
 Auburn University, 0353
 Clemson University, 0465
 Colorado State University, 0481, 0484
 Congress of the United States, 0544, 0546
 Iowa State University of Science and Technology, 0950, 0952
 Kansas State University, 0980
 Louisiana Department of Agriculture, 1021
 Louisiana State University, 1029, 1030
 Louisiana Tech University, 1035
 Michigan State University, 1122
 Montana State University, 1162
 North Carolina State University at Raleigh, 1336
 Ohio Agricultural Research and Development Center, 1371
 Oklahoma State University, 1399
 Pennsylvania State University, 1454
 Pickle Packers International, Inc., 1468
 Purdue University, 1490, 1491
 Sam Houston State University, 1539
 South Dakota State University, 1613

Texas A&M University, 1688, 1689
 University of Alaska, 1729
 University of Arizona, 1733
 University of Connecticut, 1818
 University of Delaware, 1819, 1823
 University of Florida, 1842
 University of Georgia, 1851
 University of Hawaii, 1857, 1859
 University of Idaho, 1868
 University of Illinois, 1877
 University of Kentucky, 1898, 1901
 University of Maine, 1909, 1913
 University of Massachusetts, 1930
 University of New Hampshire, 1982
 University of Puerto Rico, 2022
 University of Rhode Island, 2025
 University of Tennessee, 2045
 University of Wisconsin, 2102
 University of Wyoming, 2109
 Washington State University, 2172
 West Virginia University, 2189, 2194
See also Soil conservation; Irrigation; Drainage; Land reclamation

Agricultural law

Agriculture, Department of, 0054, 0099
 Alaska Department of Natural Resources, 0126
 Arizona Commission of Agriculture and Horticulture, 0296
 Association of American Feed Control Officials, 0342
 Connecticut Department of Agriculture and Natural Resources, 0550
 Florida Department of Agriculture, 0679
 Hawaii Department of Agriculture, 0757
 Iowa Department of Agriculture, 0942
 Kentucky Department of Agriculture, 0985
 Louisiana Department of Agriculture, 1021
 Maine Department of Agriculture, 1047
 Nevada Department of Agriculture, 1258
 New Hampshire Department of Agriculture, 1269
 Ohio Department of Agriculture, 1372
 Oregon Department of Agriculture, 1403
 University of Connecticut, 1818
 Washington State Department of Agriculture, 2163

Agricultural machinery

University of Maine, 1909

Agricultural marketing

Agriculture, Department of, 0095
 Alaska Department of Natural Resources, 0126
 Connecticut Department of Agriculture and Natural Resources, 0550
 Florida Department of Agriculture, 0679
 Iowa Department of Agriculture, 0942

SUBJECT INDEX

- Iowa State University of Science and Technology, 0949, 0950
 Nebraska Department of Agriculture, 1254
 New Hampshire Department of Agriculture, 1269
 Oregon Department of Agriculture, 1403
 South Carolina Department of Agriculture, 1600
 United Fresh Fruit and Vegetable Association Library, 1717
 University of Wyoming, 2109
 Washington State Department of Agriculture, 2163
 West Virginia University, 2194
- Agricultural organizations**
 Agriculture, Department of, 0099
- Agricultural production**
 Congress of the United States, 0544
- Agricultural products**
 Agriculture, Department of, 0015, 0020, 0022, 0023, 0024, 0025, 0026, 0027, 0028, 0029, 0031, 0032, 0033, 0034, 0035, 0036, 0037, 0039, 0040, 0041, 0042, 0069, 0099
 Georgia Department of Agriculture, 0719
 Illinois Department of Agriculture, 0842
 Maine Department of Agriculture, 1047
 Michigan State University, 1119
 Texas A&M University, 1689
See also Chemurgy; Fibers; Food; Fruits; Nuts (fruits); Vegetable oils
- Agricultural statistics**
 Agriculture, Department of, 0103, 0104
 Alaska Department of Natural Resources, 0126
 Colorado Department of Agriculture, 0475
 Connecticut Department of Agriculture and Natural Resources, 0550
 Illinois Department of Agriculture, 0842
 Iowa Department of Agriculture, 0942
 Nebraska Department of Agriculture, 1254
 New Hampshire Department of Agriculture, 1269
 South Dakota Department of Agriculture, 1605
 Washington State Department of Agriculture, 2163
- Agriculture**
 Agriculture, Department of, 0068, 0100
 Arizona Commission of Agriculture and Horticulture, 0296
 Arkansas Agricultural Experiment Station, 0304
 Army, Department of the, 0321
 Biosciences Information Service of Biological Abstracts, 0381
 Boyce Thompson Institute for Plant Research, Inc. Library, 0395
 Carver Research Foundation of Tuskegee Institute, 0441
 Colorado State University, 0484
 Commerce, Department of, 0540
 Congress of the United States, 0546
 Connecticut Department of Agriculture and Natural Resources, 0550
 Cornell University, 0555, 0559
 Dartmouth College, 0581
 Defense, Department of, 0586
 Denver Public Library, 0598
 Dunlap and Associates, Inc., 0623
 Farm Film Foundation, 0669
 Florida Department of Agriculture, 0679
 Hawaii Department of Agriculture, 0757
 Idaho Department of Agriculture, 0835
 Illinois State University, 0851
 Institute for Scientific Information, 0882
 Iowa State University of Science and Technology, 0945
 The John Crerar Library, 0961
 Kansas City Public Library, 0972
 Kentucky Department of Agriculture, 0985
 Linda Hall Library, 1004
 Lloyd Library and Museum, 1005
 Los Angeles Public Library, 1018
 Louisiana State University, 1027
 Louisiana Tech University, 1034
 Mississippi State University, 1150
 National Research Council, 1219
 Nebraska Department of Agriculture, 1254
 Nevada Department of Agriculture, 1258
 North Dakota Agricultural Experiment Station, 1338
 Ohio Department of Agriculture, 1372
 Oklahoma Board of Agriculture, 1392
 Oregon Department of Agriculture, 1403
 Oregon State University, 1420
 Plains Cotton Growers, Inc., 1470
 Public Library of Cincinnati and Hamilton County, 1483
 Rutgers--The State University, 1524, 1529
 Smithsonian Institution, 1583
 South Carolina Department of Agriculture, 1600
 Texas A&I University, 1683
 Texas A&M University, 1685, 1690
 Toledo-Lucas County Public Library, 1705
 University of California, Berkeley, 1750, 1754
 University of California, Riverside, 1779
 University of Delaware, 1820
 University of Florida, 1838
 University of Hawaii, 1857, 1863
 University of Idaho, 1865, 1868
 University of Illinois, 1871, 1877, 1878
 University of Kentucky, 1895
 University of Maine, 1913
 University of Maryland, 1915, 1922
 University of Minnesota, 1953, 1956, 1957
 University of Missouri at Columbia, 1961
 University of Missouri at Kansas City, 1964
 University of Nevada, 1976, 1977
 University of Oregon, 2000
 University of Rhode Island, 2030
 University of Vermont, 2067
 University of Wisconsin, 2086
 Utah Department of Agriculture, 2113
 Utah State University, 2121
 Virginia Polytechnic Institute and State University, 2154
 Washington State Department of Agriculture, 2163
- Agriculture--Tropical**
 Dole Co., 0609
 Organization for Tropical Studies, Inc., 1425
 University of Puerto Rico, 2020
- Agronomy**
 Agriculture, Department of, 0019, 0046, 0055, 0069, 0099, 0101
 American Society of Agronomy, 0272
 Arizona State University, 0303
 Arkansas Agricultural Experiment Station, 0304
 Auburn University, 0353
 Clemson University, 0465
 Colorado State University, 0481
 Congress of the United States, 0546
 Connecticut Agricultural Experiment Station, 0547
 Crop Science Society of America, 0575
 Iowa State University of Science and Technology, 0946, 0950, 0952
 Kansas State University, 0976, 0980, 0983
 Louisiana State University, 1029, 1030
 Louisiana Tech University, 1035
 Michigan State University, 1122
 Montana State University, 1162
 Nebraska Department of Agriculture, 1254
 New Mexico State University, 1288
 New York State Agricultural Experiment Station, Geneva, 1299
 North Carolina State University at Raleigh, 1331, 1336
 Ohio Agricultural Research and Development Center, 1371
 Oklahoma State University, 1399
 Oregon State University, 1412
 Pennsylvania State University, 1454
 Purdue University, 1491
 Soil Science Society of America, 1597
 Southeastern Louisiana University, 1617
 Tennessee Valley Authority, 1677, 1680
 Texas A&M University, 1688
 University of Alaska, 1729
 University of Arizona, 1733
 University of California, Riverside, 1785

SUBJECT INDEX

University of California, Berkeley, 1763
University of California, Los Angeles, 1775

University of Michigan, 1944
University of Minnesota, 1955
University of Rhode Island, 2029
University of Wisconsin, 2095
University of Wyoming, 2105
Utah State University, 2120

Animal diseases

Agriculture, Department of, 0020, 0059, 0061, 0069
California Resources Agency, 0429
Catskill Game Farm, Inc., 0444
Colorado Department of Agriculture, 0475
Cornell University, 0566
Florida Department of Agriculture, 0680
Gorgas Memorial Institute of Tropical and Preventive Medicine, Inc., 0727
Hawaii Department of Agriculture, 0757
Health, Education, and Welfare, Department of, 0774
Illinois Department of Agriculture, 0842
Interior, Department of the, 0901
Long Island University, 1008
Maine Department of Agriculture, 1047
Mason Research Institute, 1069
Massachusetts Department of Agriculture, 1072
Minnesota State Livestock Sanitary Board, 1143
New Hampshire Department of Agriculture, 1269
Ohio State University, 1385
Oregon State University, 1411
Smithsonian Institution, 1568
Southeastern Association of Game and Fish Commissioners, 1616
University of Arizona, 1736
University of Connecticut, 1813, 1818
University of Delaware, 1820
University of Illinois, 1877
University of Maine, 1913
University of Massachusetts, 1927
University of Nevada, 1977
University of Vermont, 2064
Washington State University, 2169
See also Zoonoses; Fish diseases; Veterinary medicine

Animal ecology

Agriculture, Department of, 0072, 0073, 0074, 0075, 0076, 0077, 0078, 0079, 0094
Alabama Cooperative Wildlife Research Unit, 0118
Caribbean Conservation Corp., 0434
Interior, Department of the, 0901, 0902
Ohio State University, 1385
Shippensburg State College, 1560
State University of New York, 1649
University of Connecticut, 1815

University of Delaware, 1821
Utah State University, 2119
See also Ecology; Zoogeography

Animal husbandry

Agriculture, Department of, 0019, 0069, 0099
American Feed Manufacturers Association, Inc., 0201
Arizona State University, 0303
Arkansas Agricultural Experiment Station, 0304
Auburn University, 0353
Biosciences Information Service of Biological Abstracts, 0381
Clemson University, 0465
Colorado State University, 0481
Cornell University, 0560
Denver Public Library, 0598
Idaho Department of Agriculture, 0835
Iowa State University of Science and Technology, 0950, 0952
Kansas State University, 0977, 0980, 0983
Louisiana State University, 1029, 1030
Louisiana Tech University, 1035
Michigan State University, 1122
Mississippi State University, 1150
Montana State University, 1162
National Association of Animal Breeders, 1190
National Research Council, 1219
Nebraska Department of Agriculture, 1254
New Hampshire Department of Agriculture, 1269
North Carolina State University at Raleigh, 1336
Ohio Agricultural Research and Development Center, 1371
Ohio State University, 1376
Oklahoma State University, 1399
Pennsylvania State University, 1454
Purdue University, 1491
Sam Houston State University, 1539
Smithsonian Institution, 1572
South Dakota State University, 1609, 1610, 1613
Southeastern Louisiana University, 1617
Texas A&M University, 1688, 1689
University of Arizona, 1733
University of Connecticut, 1818
University of Delaware, 1819, 1823
University of Florida, 1841, 1842
University of Georgia, 1851
University of Hawaii, 1857, 1859
University of Idaho, 1868
University of Illinois, 1871
University of Kentucky, 1898, 1901
University of Maine, 1909, 1913
University of Maryland, 1916
University of Massachusetts, 1930
University of Nevada, 1977

University of New Hampshire, 1982
University of Pennsylvania, 2012
University of Puerto Rico, 2022
University of Rhode Island, 2031
University of Tennessee, 2045
University of Wisconsin, 2102
University of Wyoming, 2109
Washington State Department of Agriculture, 2163
Washington State University, 2172
West Texas State University, 2186
West Virginia University, 2189, 2194
Wisconsin State University, Platteville, 2211
See also Range management; Livestock

Animal metabolism

Cornell University, 0564
Midwestern University, 1128
See also Metabolism

Animal migrations

Caribbean Conservation Corp., 0434
Interior, Department of the, 0896, 0899
Oregon Game Commission, 1406
Smithsonian Institution, 1574
See also Population migrations

Animal nutrition

American Bio-Synthetics Corp., 0170
American Feed Manufacturers Association, Inc., 0201
Animal Health Institute, 0291
Colorado State University, 0489
Diamond Shamrock Chemical Co., 0603
Grain Processing Corp., 0729
Interior, Department of the, 0906
Lilly Research Laboratories, 1003
Marine Chemurgics, Inc., 1057
Missouri Department of Conservation, 1153
National Research Council, 1219
Ohio State University, 1385
Oregon State University, 1411
Pennsylvania State University, 1454
Smithsonian Institution, 1572
South Dakota State University, 1613
Texas A&M University, 1684
University of Arizona, 1735
University of Connecticut, 1818
University of Kentucky, 1901
University of Maryland, 1916
University of Wyoming, 2109
See also Nutrition; Feed

Animal physiology

Biosciences Information Service of Biological Abstracts, 0381
The Claremont Colleges, 0464
Colorado State University, 0480
Columbia University, 0497
Cornell University, 0564
East Tennessee State University, 0628

SUBJECT INDEX

Eastern Washington State College, 0631
 Harvard University, 0749
 Kansas State University, 0977
 Michigan State University, 1118
 Oklahoma State University, 1398
 State University of New York, 1645
 Texas A&M University, 1684
 University of California, Berkeley, 1763
 University of Delaware, 1824
 University of Kansas, 1893
 University of Massachusetts, 1927
 University of Minnesota, 1949
 University of Rhode Island, 2029
 University of Texas at Arlington, 2049
 University of Wisconsin, 2095
 University of Wyoming, 2105, 2109
 Washington State University, 2169
See also Physiology

Animal population dynamics

Michigan State University, 1118
 State University of New York, 1652
 University of Maryland, 1923
 University of Washington, 2074
 Utah State University, 2120
See also Population dynamics

Animal products

Agriculture, Department of, 0015, 0016,
 0022, 0023, 0024, 0041, 0042, 0056,
 0065, 0069
 American Meat Institute Foundation, 0224
 Maine Department of Agriculture, 1047
 Michigan State University, 1119
 National Renderers Association, Inc., 1216
See also Chemurgy; Dairy products; Eggs;
 Fibers; Meat

Animal quarantine

Agriculture, Department of, 0061

Animals

Bear Mountain Trailside Museums and
 Nature Trails, 0370
 Mississippi Game and Fish Commission,
 1145
 Museum of Science (Boston), 1175
 New Hampshire Audubon Nature Center,
 1267
 Roeding Park Zoo, 1515
 Seneca Park Zoo, 1555
 Smithsonian Institution, 1572
 Tarpon Zoo, Inc., 1669
 University of Alaska, 1732
 University of California, Irvine, 1771
 University of New Mexico, 1985

Anthropogenic ecology

Cornell University, 0556
 Denver Public Library, 0597
 Illinois Institute of Technology, 0849
 Interior, Department of the, 0894
 Milieu Information Service, 1130
 Polytechnic Institute of Brooklyn, 1472

Smithsonian Institution, 1574
 University of Wisconsin, 2092
 University of Wyoming, 2105
 Washington University, St. Louis, 2174
See also Pollution; Ecology

Anthropology

Alabama Academy of Science, 0117
 The American Museum of Natural History,
 0235
 American Orthopsychiatric Association,
 Inc., 0243
 Brooklyn Public Library, 0404
 Carnegie Library of Pittsburgh, 0438
 Carnegie Museum, 0440
 Columbia Science Museum, 0494
 Cranbrook Institute of Science, 0572
 Dayton Museum of Natural History, 0583
 Denver Public Library, 0598
 Explorers Club, 0662
 Health, Education, and Welfare,
 Department of, 0785
 Idaho State University Library, 0839
 International Reference Organization in
 Forensic Medicine (INFORM), 0934
 Kansas City Public Library, 0972
 Los Angeles Public Library, 1018
 Milwaukee Public Museum, 1135
 The New York Academy of Sciences, 1291
 New York State Psychiatric Institute, 1312
 Ohio Academy of Science, 1370
 Organization for Tropical Studies, Inc.,
 1425
 Pacific Scientific Information Center, 1433
 Southern California Academy of Sciences,
 1620
 University of California, Berkeley, 1754
 University of Colorado, 1812
 University of Florida, 1834
 University of Oklahoma, 1996
 Yale University, 2225
See also American Indians; Eskimos;
 Ethnology; Urgent anthropology

Anthropometry

Dunlap and Associates, Inc., 0623
 Human Factors Society (HFS), 0832

Antibodies

American Association of Blood Banks,
 0155
See also Immunology

Anticoagulants

Travenol Laboratories, Inc., 1708

Antifoaming agents

Nalco Chemical Co., 1177

Antifreezes

North Dakota State Laboratories
 Department, 1342

Antigens

Microbiological Associates, Inc., 1124
See also Immunology

Antimicrobials and antibacterials

Grain Processing Corp., 0729
 Rutgers--The State University, 1527
 University of Pennsylvania, 2009

Aquaculture

Alabama Department of Conservation,
 0119
 American Fisheries Society, 0202
 Auburn University, 0354
 Battelle Memorial Institute, 0366
 Commerce, Department of, 0508, 0514,
 0515
 Connecticut Department of Agriculture
 and Natural Resources, 0550
 Illinois Department of Conservation, 0843
 Interior, Department of the, 0890, 0906,
 0914, 0915
 Michigan State University, 1121
 Missouri Cooperative Fishery Unit, 1152
 Montana Fish and Game Department,
 1160
 New Jersey Department of Environmental
 Protection, 1279
 The Oceanic Foundation, 1368
 Oklahoma Fishery Research Laboratory,
 1396
 Oregon Fish Commission, 1405
 Oregon State University, 1414, 1424
 Pennsylvania Fish Commission, 1447
 South Carolina Wildlife Resources
 Department, 1604
 University of Delaware, 1825
 University of North Carolina, 1986
 Washington State Department of Fisheries
 Library, 2164

Aquariums

Interior, Department of the, 0918

Aquatic biology

Agriculture, Department of, 0094
 Alabama Department of Conservation,
 0119
 American Fisheries Society, 0202
 American Society of Limnology and
 Oceanography, 0277
 Aquatic Research Institute, 0294
 Arizona State University, 0303
 Auburn University, 0356
 Battelle Memorial Institute, 0366
 Biosciences Information Service of
 Biological Abstracts, 0381
 California Academy of Sciences, 0412
 California Institute of Technology, 0424
 Colorado State University, 0482
 Commerce, Department of, 0509, 0518,
 0530, 0535

SUBJECT INDEX

Denver Public Library, 0597
 Duke University, 0621
 Environmental Protection Agency, 0647, 0648, 0656
 Florida State University, 0691
 Hawaii Department of Land and Natural Resources, 0759
 IIT Research Institute, 0841
 Illinois Natural History Survey Library, 0850
 The Institute of Paper Chemistry, 0886
 Interior, Department of the, 0905
 International Association on Water Pollution Research, 0928
 John Carroll University, 0960
 John G. Shedd Aquarium, 0962
 Lehigh University, 0999
 Marineland of the Pacific Biological Laboratory, 1058
 Michigan State University, 1121
 Mississippi State University, 1149
 National Audubon Society, 1197
 New Hampshire Fish and Game Commission, 1272
 New Jersey Department of Environmental Protection, 1279, 1280
 New York Zoological Society, 1317
 The Oceanic Foundation, 1368
 Oklahoma Fishery Research Laboratory, 1396
 Oregon State University, 1421
 Pacific Grove Museum of Natural History, 1430
 Pennsylvania State University, 1451
 Research Triangle Institute, 1507
 State University of New York, 1650
 Tennessee Valley Authority, 1678, 1679, 1680
 Texas A&M University, 1691
 Trout Unlimited, 1709
 University of Alaska, 1731
 University of Arkansas, 1748
 University of California, Los Angeles, 1775
 University of Delaware, 1825, 1826
 University of Florida, 1835
 University of Hawaii, 1861
 University of Louisville, 1908
 University of Maryland, 1923
 University of Minnesota, 1958
 University of Pittsburgh, 2015
 University of Tennessee, 2047
 University of the Pacific, 2057
 University of Washington, 2075
 University of Wisconsin, 2093, 2099
 Utah State University, 2118, 2120
 Virginia Polytechnic Institute and State University, 2155
 West Virginia Department of Natural Resources, 2187
 World Life Research Institute, 2217

Wyoming Game and Fish Commission, 2221
See also Fresh water biology; Marine biology; Cetacea

Aquatic invertebrates

University of Louisville, 1908
 University of Maryland, 1915

Aquatic microbiology

American Society for Microbiology, 0266
 Commerce, Department of, 0537
 Environmental Protection Agency, 0653
 Kansas State University, 0982
 Ohio State University, 1379, 1390
 State University of New York, 1646
 University of Delaware, 1826
 University of Florida, 1833
 University of Montana, 1966
See also Microbiology; Marine microorganisms

Aquatic plants

Alabama Department of Conservation, 0119
 State University of New York, 1646
 University of Wisconsin, 2091
See also Plants (botany)

Aquatic weed control

Auburn University, 0354
 Illinois Department of Conservation, 0843
 Northeastern Weed Control Conference, 1347
See also Weed control

Arachnida

Smithsonian Institution, 1566, 1581
 University of California, Berkeley, 1760
 University of Wisconsin, 2103
 University of Wyoming, 2105
See also Arthropoda; Mites; Ticks

Arboviruses

Cornell University, 0566
 Health, Education, and Welfare, Department of, 0774
See also Viruses

Archaeology

The American Museum of Natural History, 0235
 Bear Mountain Trailside Museums and Nature Trails, 0370
 Denver Public Library, 0598
 Explorers Club, 0662
 Field Museum of Natural History, 0676
 Fort Worth Museum of Science and History, 0699
 Kansas City Public Library, 0972
 Los Angeles County Museum of Natural History, 1016
 Museum of Northern Arizona, 1172

Southern California Academy of Sciences, 1620

Staten Island Institute of Arts and Sciences, 1658
 University of Alabama, 1727
 University of Colorado, 1812
 University of Kansas, 1889
 Yale University, 2225

Architecture

Carnegie Library of Pittsburgh, 0438
 Kansas State University, 0983
 North Carolina State University at Raleigh, 1330
 Tennessee Valley Authority, 1680
 Texas A&M University, 1690
 University of California, Berkeley, 1754

Arid lands

Agriculture, Department of, 0047, 0048, 0049
 University of Arizona, 1734, 1740, 1743
 University of Nevada, 1973, 1977
See also Deserts

Aromatic compounds

Hoffmann-LaRoche Inc., 0823

Arthritis

Excerpta Medica Foundation, 0659
 Health, Education, and Welfare, Department of, 0808
See also Musculoskeletal disorders

Arthropoda

Indiana University, 0864
See also Arachnida; Insects; Invertebrates; Crustacea; Myriopoda

Artificial intelligence

Health, Education, and Welfare, Department of, 0800
See also Bionics

Artificial satellites

Aerojet-General Corp., 0007
 National Research Council, 1225
See also Spacecraft

Aryl compounds

New Mexico Highlands University, 1286

Atmospheric composition

California Resources Agency, 0427
 University of California, Riverside, 1784

Atmospheric physics

Colorado State University, 0484
 Institute of Environmental Sciences, 0884
 National Research Council, 1225
 The Travelers Research Center, Inc., 1707
 University of Nevada, 1973

Atmospheric sciences

Colorado State University, 0481

Defense, Department of, 0586
The New York Academy of Sciences, 1291
Organization for Tropical Studies, Inc.,
1425
University of Washington, 2084

Auditory defects

Alexander Graham Bell Association for the
Deaf, Inc., 0133
American Foundation for the Blind, 0206
American Speech and Hearing
Association, 0283
Central Institute for the Deaf, 0449
Council of Organizations Serving the Deaf,
Inc., 0570
Gallaudet College, 0705
Johns Hopkins University, 0967
National Association of Hearing and
Speech Agencies, 1195
University of Virginia, 2072
See also Nervous system disorders

Auditory perception

Alexander Graham Bell Association for the
Deaf, Inc., 0133
American Speech and Hearing
Association, 0283
Army, Department of the, 0326
Central Institute for the Deaf, 0449
Gallaudet College, 0705
Idaho State University Library, 0839
Johns Hopkins University, 0967
National Association of Hearing and
Speech Agencies, 1195
National Research Council, 1217
Navy, Department of the, 1244
University of Virginia, 2072
See also Senses

Australasia

University of Hawaii, 1863

Automated clinical chemistry

Bio-Sciences Laboratories, 0377
See also Clinical chemistry

Automation

Research and Development Institute of the
United States (RADIUS), 1505

Autonomic agents

Georgetown University, 0716
State University of New York, 1655

Autopsy

Air Force, Department of the, 0107
Alabama Department of Toxicology and
Criminal Investigation, 0121
Harrisburg Hospital, 0745
Maryland Department of Post Mortem
Examiners, 1066
Michael Reese Hospital, 1107
National Association of Coroners, 1193

New York City Office of the Chief Medical
Examiner, 1294
Philadelphia Department of Public Health,
1463
Portland (Oreg.) Police Crime Laboratory,
1474

Avalanches

Smithsonian Institution, 1574

Bacillus calmette-guerin

University of Illinois, 1879

Bacteria

American Type Culture Collection, 0286
Georgetown University, 0715
University of California, Berkeley, 1760
University of Florida, 1833
See also Clostridium perfringens;
Escherichia; Listeria; Salmonella;
Shigella; Staphylococcus; Streptococcus

Bacteriology

Albany College of Pharmacy, 0128
Brigham Young University, 0397
Brookhaven National Laboratory, 0400
Carver Research Foundation of Tuskegee
Institute, 0441
Colorado Department of Public Health,
0476
Duke University, 0616
Eastern Washington State College, 0631
Indiana University, 0861
Iowa State University of Science and
Technology, 0950, 0951
John Carroll University, 0960
Kansas State University, 0980, 0983
Linda Hall Library, 1004
Montana State University, 1162
Navy, Department of the, 1241
Pfizer, Inc., 1457
Philadelphia College of Pharmacy and
Science, 1461
Pickle Packers International, Inc., 1468
Syracuse University, 1667
University of Idaho, 1868
University of Maine, 1909, 1913
University of Minnesota, 1957
University of Missouri at Kansas City, 1964
University of Texas at Austin, 2050
University of Wisconsin, 2102
Vermont Department of Health, 2126
Wyoming Department of Health and Social
Services, 2220
See also Microbiology

Barotaxis

Battelle Memorial Institute, 0365
Brown University, 0406
Navy, Department of the, 1244, 1245,
1247

Bats

New Mexico Highlands University, 1286
See also Mammals

Beach erosion

Great Lakes Commission, 0730
Pennsylvania Department of
Environmental Resources, 1446
See also Coastal engineering; Erosion

Beans

Agriculture, Department of, 0065
See also Vegetables

Beekeeping

Agriculture, Department of, 0017, 0099
Iowa Department of Agriculture, 0942
Sam Houston State University, 1540
University of Wisconsin, 2086
Washington State Department of
Agriculture, 2163

Beer

Falstaff Brewing Corp., 0667
Rainier Brewing Co., 1503
See also Beverages

Bees

Agriculture, Department of, 0017, 0099
Idaho Department of Agriculture, 0835
Nevada Department of Agriculture, 1258

Behavior

American Orthopsychiatric Association,
Inc., 0243
Army, Department of the, 0326
Institute for Behavioral Research, Inc.,
0875
Pharmacology Research, Inc., 1460
University of Louisville, 1906
USC, Inc., 2111

Behavior therapy

American Association for Rehabilitation
Therapy, Inc., 0151

Benefit cost analysis

USC, Inc., 2111

Benthos

Commerce, Department of, 0509, 0518,
0530

Beverages

National Soft Drink Association, 1232
North Dakota State Laboratories
Department, 1342
See also Beer; Rum; Wines

Bioacoustics

University of Michigan, 1944

Bioassay

Army, Department of the, 0315

SUBJECT INDEX

University of Missouri at Kansas City, 1964
 University of Nevada, 1976
 University of Oklahoma, 1993
 University of Pennsylvania, 2002
 University of Pittsburgh, 2016
 University of Rochester, 2035
 University of South Carolina, 2038
 University of Southwestern Louisiana, 2041
 University of Texas at Dallas, 2052
 University of Texas at Houston, 2056
 Utah Academy of Sciences, Arts and Letters, 2112
 Villanova University, 2141
 Virginia Commonwealth University, 2145
 Wayne State University, 2180
 Western Carolina University, 2197
 Yale University, 2225

Biology education

American Institute of Biological Sciences, 0217
 Bloomsburg State College, 0383
 Eastern Washington State College, 0631
 National Association of Biology Teachers, Inc., 1191
 University of Colorado, 1807
 University of Wisconsin, 2085

Bioluminescence

Smithsonian Institution, 1574

Biomathematics

Health, Education, and Welfare, Department of, 0800

Biomechanics

National Research Council, 1217
 University of Kentucky, 1904

Biomedical computer applications

Army, Department of the, 0324
 Association for Health Records, 0336
 Boston University, 0388
 Brown University, 0406
 Hahnemann Medical College and Hospital, 0741
 Health, Education, and Welfare, Department of, 0780, 0800, 0802, 0814
 International Business Machines Corp., 0929
 National Biomedical Research Foundation, 1198
 Pacific Medical Center, 1432
 Research and Development Institute of the United States (RADIUS), 1505
 State University of New York, 1654
 Tulane University, 1711
 University of California, Los Angeles, 1777
 University of Minnesota, 1950
 University of Mississippi, 1960
 University of North Carolina at Chapel Hill, 1989

University of Pittsburgh, 2017

Biometrics

Agriculture, Department of, 0099
 Alaska Department of Fish and Game, 0124
 Biometric Society, Western North American Region, 0380
 Biosciences Information Service of Biological Abstracts, 0381
 Connecticut Agricultural Experiment Station, 0547
 Michigan Department of Natural Resources, 1112
 Transportation, Department of, 1706
 University of California, Riverside, 1785

Bionics

Air Force, Department of the, 0110
 American Foundation for the Blind, 0206
 Army, Department of the, 0323
 Institute of Electrical and Electronics Engineers, Inc., 0883
See also Artificial intelligence; Cybernetics

Biophysics

American Society for Electro-Anesthesia, 0263
 Army, Department of the, 0315
 Battelle Memorial Institute, 0364
 Biosciences Information Service of Biological Abstracts, 0381
 Brookhaven National Laboratory, 0402
 Brown University, 0406
 Center for Foreign Technology, 0448
 Charles F. Kettering Foundation, 0451
 Colorado State University, 0480
 Columbia University, 0498
 Excerpta Medica Foundation, 0659
 Hartford Hospital, 0746
 Harvard University, 0749, 0753
 Health, Education, and Welfare, Department of, 0814
 Iowa State University of Science and Technology, 0950, 0952
 Navy, Department of the, 1243
 The New York Academy of Sciences, 1291
 University of California, Los Angeles, 1775
 University of Illinois, 1872
 University of Pennsylvania, 2010
 University of Pittsburgh, 2016
 University of Tennessee, 2044

Biopsy

Illinois Department of Public Health, 0847
 New York City Department of Health, 1293
See also Diagnosis

Biostatistics

Health, Education, and Welfare, Department of, 0800
 Transportation, Department of, 1706

University of Maryland, 1920

Biosynthesis

Pennsylvania State University, 1450

Biotelemetry

Sensory Systems Laboratory, 1556
 University of Rhode Island, 2029

Bird diseases

Agriculture, Department of, 0061, 0063
 American Association of Avian Pathologists, Inc., 0153
 Minnesota State Livestock Sanitary Board, 1143
 University of Delaware, 1820
See also Animal diseases

Birds

Academy of Natural Sciences of Philadelphia, 0003
 The American Museum of Natural History, 0235
 Bayard Cutting Arboretum, 0368
 Brooklyn Public Library, 0404
 California Academy of Sciences, 0411
 Columbia Science Museum, 0494
 Cornell University, 0558
 Duke University, 0616
 Eastern Bird Banding Association, 0629
 Eastern Washington State College, 0631
 Explorers Club, 0662
 Field Museum of Natural History, 0676
 Gulf Coast Research Laboratory, 0736
 Inland Bird Banding Association, 0873
 Interior, Department of the, 0896, 0897, 0899, 0900, 0901
 Kansas Biological Survey, 0971
 Maryland Ornithological Society, 1068
 Michigan Department of Natural Resources, 1112
 Milwaukee Public Museum, 1135
 Missouri Department of Conservation, 1153
 National Audubon Society, 1197
 New Hampshire Audubon Nature Center, 1267
 North American Game Breeders and Shooting Preserve Association, Inc., 1321
 Oakland Office of Parks and Recreation, 1366
 Ohio State University, 1379
 Pittsburgh Conservatory-Aviary, 1469
 Sam Houston State University, 1540
 Staten Island Institute of Arts and Sciences, 1658
 Staten Island Zoo, 1659
 Stephen F. Austin State University, 1660
 Tarpon Zoo, Inc., 1669
 University of Alabama, 1727
 University of Alaska, 1730

University of California, Los Angeles,
1775

University of Illinois, 1872

University of Kansas, 1893

University of Montana, 1966

University of Utah, 2059

University of Wyoming, 2105

West Chester State College, 2185

Western Michigan University, 2199

Whooping Crane Conservation
Association, 2200

See also Prairie chickens; Sharp tailed
grouse; Vertebrates

Birds as pests

Interior, Department of the, 0896

Birth

Maternity Center Association, 1086

Birth control

Health, Education, and Welfare,
Department of, 0810

Margaret Sanger Research Bureau, Inc.,
1055

The Population Council, 1473

San Diego County Department of Public
Health, 1543

Blighted areas

University of Virginia, 2070

Blind

American Foundation for the Blind, 0206

International Eye Foundation, 0931

The Jewish Guild for the Blind, 0959

Blindness

Fight for Sight, Inc., 0677

International Eye Foundation, 0931

Washington University, St. Louis, 2175

See also Eye (anatomy)

Blood

American Association of Blood Banks,
0155

Jefferson Medical College, 0958

Michigan Department of Public Health,
1115

Navy, Department of the, 1239

Papanicolaou Cancer Research Institute,
1439

See also Hematology

Blood chemistry

Maryland Department of Health and
Mental Hygiene, 1060

Blood diseases

Battelle Memorial Institute, 0365

Jefferson Medical College, 0958

Wadley Institutes of Molecular Medicine,
2157

Blood flow

Saint Vincent's Hospital and Medical
Center of New York, 1537

Blood groups

Army, Department of the, 0326

Maryland Department of Post Mortem
Examiners, 1066

Blood transfusion

American Association of Blood Banks,
0155

Body fluids

Biosciences Information Service of
Biological Abstracts, 0381

Boll weevils

Agriculture, Department of, 0017

See also Coleoptera

Bonsai

George Landis Arboretum, 0712

Botany

Agriculture, Department of, 0046, 0069

Arizona State University, 0303

Auburn University, 0353

Biosciences Information Service of
Biological Abstracts, 0381

Botanical Society of America, Inc., 0392

Boyce Thompson Institute for Plant
Research, Inc. Library, 0395

Brigham Young University, 0397

Brown University, 0405, 0406

California Academy of Sciences, 0411

Carnegie Institution of Washington, 0437

Carnegie Library of Pittsburgh, 0438

Carnegie Museum, 0440

Colorado State University, 0481, 0484

Columbia Science Museum, 0494

Columbia University, 0497

Connecticut Agricultural Experiment
Station, 0547

Dayton Museum of Natural History, 0583

Drake University, 0611

Duke University, 0616

Earlham College Libraries and Museum,
0625

East Tennessee State University, 0628

Explorers Club, 0662

Field Museum of Natural History, 0676

Gulf Coast Research Laboratory, 0736

Harvard University, 0748

Health, Education, and Welfare,
Department of, 0814

Highlands Biological Station, Inc., 0821

Idaho State University Library, 0839

Illinois Natural History Survey Library,
0850

Indiana University, 0862

Iowa Department of Agriculture, 0942

Iowa State University of Science and
Technology, 0950, 0952

Kansas City Public Library, 0972

Kansas State University, 0978, 0980, 0983

Lloyd Library and Museum, 1005

Los Angeles County Museum of Natural
History, 1016

Los Angeles State and County Arboretum,
1019

Louisiana State University, 1028, 1033

Louisiana Tech University, 1035

Massachusetts Horticultural Society, 1084

Michigan Forestry and Park Association,
1116

Milwaukee Public Museum, 1135

Missouri Botanical Garden Library, 1151

Morton Arboretum, 1165

Nassau College, 1180

New York Botanical Garden, 1292

North Carolina State University at Raleigh,
1336

Northwestern University, 1353

Ohio State University, 1377, 1379

Organization for Tropical Studies, Inc.,
1425

Pacific Scientific Information Center, 1433

Pennsylvania Horticultural Society
Library, 1449

Pfizer, Inc., 1457

Princeton University, 1480

Purdue University, 1491

Sam Houston State University, 1539

Slippery Rock State College, 1563

Smithsonian Institution, 1582

South Arkansas Arboretum, 1599

Southern California Academy of Sciences,
1620

Springfield Science Museum, 1636

Stanford University, 1638

Staten Island Institute of Arts and
Sciences, 1658

Syracuse University, 1666, 1667

Toledo-Lucas County Public Library, 1705

United States Botanic Garden, 1719

University of Arizona, 1733

University of California, Davis, 1766

University of California, Los Angeles,
1773

University of California, Riverside, 1779

University of Colorado, 1811, 1812

University of Connecticut, 1818

University of Florida, 1842

University of Hartford, 1856

University of Hawaii, 1863

University of Idaho, 1868

University of Illinois, 1872, 1874

University of Kansas, 1893

University of Maine, 1909, 1913

University of Minnesota, 1957

University of Nevada, 1973

University of New Hampshire, 1979

University of Oklahoma, 1996

University of Oregon, 2000

University of Pennsylvania, 2002, 2007

SUBJECT INDEX

University of South Florida, 2040
University of Texas at Arlington, 2049
University of Texas at Austin, 2050
University of Virginia, 2069
University of Washington, 2084
University of Wisconsin, 2085, 2091
University of Wyoming, 2108
West Chester State College, 2185
West Texas State University, 2186
West Virginia University, 2191
See also Plants (botany); Economic botany; Paleobotany

Botany education

Botanical Society of America, Inc., 0392

Botulism

Commerce, Department of, 0508
University of Wisconsin, 2090

Brain

Boston University, 0387
The Salk Institute, 1538
University of California, Los Angeles, 1778
University of Kansas, 1887
See also Nervous system

Breast carcinoma

American Medical Center at Denver, 0231

Breath alcohol testing devices

Luckey Laboratories, Inc., 1045

Breathing apparatus

American College of Chest Physicians, 0181
Mine Safety Appliances Co. Library, 1136
Puritan-Bennett Corp., 1499

Brewing

Falstaff Brewing Corp., 0667
Rainier Brewing Co., 1503

Burns (injuries)

Army, Department of the, 0328

Canning

Campbell Soup Co., 0432
Dole Co., 0609
National Canners Association, 1200
See also Food processing

Carbohydrates

The Institute of Paper Chemistry, 0886
See also Nutrients

Carcinogens

Battelle Memorial Institute, 0365
Roswell Park Memorial Institute, 1519
University of Cincinnati, 1804
University of North Carolina, 1986
Waldemar Medical Research Foundation, Inc., 2159

Cardiac muscle

Gulf Coast Research Laboratory, 0736

Cardiography

American College of Chest Physicians, 0181
See also Electrocardiography

Cardiology

American College of Chest Physicians, 0181
American Heart Association, 0210
Mead Johnson and Co., 1088
University of Pennsylvania, 2011

Cardiopulmonary processes

Saint Vincent's Hospital and Medical Center of New York, 1537

Cardiovascular diseases

Air Force, Department of the, 0109
American College of Chest Physicians, 0181
American Heart Association, 0210
Cox Heart Institute, 0571
Excerpta Medica Foundation, 0659
Fairleigh Dickinson University, 0666
Health, Education, and Welfare, Department of, 0774, 0805
University of Vermont, 2063
See also Heart diseases

Cardiovascular system

American College of Chest Physicians, 0181
American Heart Association, 0210
Boston University, 0389
Columbia University, 0498
Creighton University, 0574
Duke University, 0618
University of Pennsylvania, 2003
Yeshiva University, 2228

Catalysis

The Claremont Colleges, 0464
The New York Academy of Sciences, 1291
Western Kentucky University, 2198

Cattle

American Brahman Breeders Association, 0174
American Guernsey Cattle Club, Inc., 0209
Ayrshire Breeders' Association, 0360
Pure Bred Dairy Cattle Association, 1498
University of Florida, 1837, 1839
University of Maryland, 1918
See also Livestock

Cbr agents neutralization

Army, Department of the, 0311

Cbr operations

Army, Department of the, 0314

CBR operations

See also Biological operations; Military chemical operations

Cellulose

The Institute of Paper Chemistry, 0886
State University of New York, 1649

Cetacea

Commerce, Department of, 0532
Marineland Research Laboratory, 1059
The Oceanic Foundation, 1368
See also Aquatic biology; Mammals; Echolocation

Chemical analysis

Association of Official Analytical Chemists, 0344
Brookhaven National Laboratory, 0402
Connecticut Agricultural Experiment Station, 0547
Detroit Department of Health, 0601
Diamond Shamrock Chemical Co., 0603
Economics Laboratory, Inc., 0632
The Wm. S. Merrell Co., 1103
Nasson College, 1180
Philadelphia Department of Public Health, 1463
Ralston Purina Co., 1504
Rutgers--The State University, 1528
Southwestern State College, 1634
Utah Department of Agriculture, 2114

Chemical engineering

American Chemical Society, 0178
Arizona State University, 0303
Battelle Memorial Institute, 0364
Brigham Young University, 0397
Denver Public Library, 0598
Diamond Shamrock Chemical Co., 0603
Indiana University, 0860
The Institute of Paper Chemistry, 0886
Kansas State University, 0983
Los Angeles Public Library, 1018
Louisiana Tech University, 1035
Massachusetts Institute of Technology, 1085
Midwest Research Institute, 1126
Public Library of Cincinnati and Hamilton County, 1483
Rutgers--The State University, 1528
Southern Research Institute, 1629
Tennessee Valley Authority, 1680
Toledo-Lucas County Public Library, 1705
University of Denver, 1827
University of Kansas, 1893
University of Minnesota, 1957
University of Oregon, 2000
West Virginia University, 2189

Chemical reactions

New Mexico Highlands University, 1286

Chemistry

Air Force, Department of the, 0111
 Alabama Academy of Science, 0117
 American Bio-Synthetics Corp., 0170
 American Chemical Society, 0178, 0179
 American Institute of Aeronautics and Astronautics, 0215
 Army, Department of the, 0317
 Arthur D. Little, Inc., 0335
 Association of Official Analytical Chemists, 0344
 Battelle Memorial Institute, 0364
 Beloit College Libraries, 0372
 Brandeis University, 0396
 Brigham Young University, 0397
 Brookhaven National Laboratory, 0400
 Carnegie Library of Pittsburgh, 0438
 Colorado State University, 0481
 Commerce, Department of, 0540
 Defense, Department of, 0585, 0586
 Denver Public Library, 0598
 Emory University, 0636
 Fairchild Hiller, 0664
 Georgetown University, 0718
 Glassboro State College, 0725
 Idaho State University Library, 0839
 Indiana University, 0860
 Institute for Scientific Information, 0882
 Institute of Food Technologists, 0885
 Iowa State University of Science and Technology, 0952
 Kansas City Public Library, 0972
 Kansas State University, 0983
 Linda Hall Library, 1004
 Los Angeles Public Library, 1018
 Louisiana Tech University, 1035
 Loyola University, New Orleans, 1041
 Massachusetts Institute of Technology, 1085
 Midwest Research Institute, 1126
 Montefiore Hospital and Medical Center, 1163
 Nalco Chemical Co., 1177
 The New York Academy of Sciences, 1291
 Oak Ridge National Laboratory, 1364
 Ohio Academy of Science, 1370
 Philadelphia College of Pharmacy and Science, 1461
 Purdue University, 1496
 Rollins College, 1516
 Sherman Research Laboratories, 1559
 Southern Research Institute, 1629
 Sterling Drug, Inc., 1661
 Stuart Co. Library, 1664
 Texas A&M University, 1690
 Toledo-Lucas County Public Library, 1705
 University of Alabama, 1728
 University of Colorado, 1811
 University of Denver, 1827
 University of Hawaii, 1863
 University of Kansas, 1893

University of Minnesota, 1957
 University of Missouri at Kansas City, 1964
 University of Oregon, 2000
 University of South Carolina, 2038
 University of Southwestern Louisiana, 2041
 University of Texas at Houston, 2056
 University of the Pacific, 2058
 University of Virginia, 2073
 University of Washington, 2084
 University of Wyoming, 2108
 The Upjohn Co., 2110
 Vermont Department of Health, 2126
 Villanova University, 2141
 Wayne State University, 2180

Chemistry education

American Chemical Society, 0179

Chemurgy

Agriculture, Department of, 0015
 North Carolina State University at Raleigh, 1336
 Ohio Agricultural Research and Development Center, 1371
 University of Nevada, 1977
See also Agricultural products; Animal products

Child psychiatry

American Association of Psychiatric Services for Children, 0165
 Children's Hospital Medical Center, 0458
See also Psychiatry

Child psychology

Children's Hospital Medical Center, 0458
 Community Guidance Service, Inc., 0542
See also Psychology

Children

Association for the Aid of Crippled Children, 0339
 Fels Research Institute for the Study of Human Development, 0672
 Health, Education, and Welfare, Department of, 0809
 The Jewish Guild for the Blind, 0959
 National Association for Retarded Children, 1189
 Virginia Council on Health and Medical Care, 2146

Chiropractic

American Chiropractic Association, 0180
 International Chiropractors Association, 0930
 New Hampshire Chiropractic Association, Inc., 1268

Chronic diseases

Kingsbrook Jewish Medical Center, 0993

Ciguatera

University of Hawaii, 1860
See also Food poisoning

Cimicifuga

Lynchburg College, 1046
See also Plants (botany)

Civil engineering

Agriculture, Department of, 0070, 0072, 0073, 0074, 0075, 0076, 0077, 0078, 0079
 Arizona State University, 0303
 Brigham Young University, 0397
 Colorado State University, 0484
 Defense, Department of, 0586
 Iowa State University of Science and Technology, 0952
 Kansas State University, 0983
 Louisiana Tech University, 1035
 Purdue University, 1496
 Rutgers--The State University, 1528
 Tennessee Valley Authority, 1680
 University of Hawaii, 1863
 University of Kansas, 1893
 University of Minnesota, 1957
 West Virginia University, 2189
See also Sanitary engineering

Clean rooms

American Association for Contamination Control, 0147
 Kansas State University, 0979
 National Aeronautics and Space Administration, 1186

Cleaning

Chemical Specialties Manufacturers Association, Inc., 0452
 Economics Laboratory, Inc., 0632

Climatology

American Institute of Crop Ecology, 0219
 American Society of Agronomy, 0272
 Army, Department of the, 0314
 Colorado State University, 0484
 Connecticut Agricultural Experiment Station, 0547
 Iowa State University of Science and Technology, 0952
 Kansas State University, 0982
 Montana State University, 1162
 Purdue University, 1497
 University of Arizona, 1743
 University of Connecticut, 1815, 1818
 University of Nevada, 1973
 University of Virginia, 2070

Clinical chemistry

American Association of Bioanalysts, 0154
 Arizona Department of Health, 0297
 District of Columbia Department of Human Resources, 0605

Florida Department of Health and Rehabilitative Services, 0682
Harrisburg Hospital, 0745
Hawaii Department of Health, 0758
Hektoen Institute for Medical Research, 0815
Illinois Department of Public Health, 0847
Louisiana Department of Health, 1024
Maryland Department of Health and Mental Hygiene, 1060
Michael Reese Hospital, 1107
National Association of Coroners, 1193
New York Academy of Medicine Library, 1290
The Teratology Society, 1681
University of Georgia, 1855
University of Iowa, 1886
University of Louisville, 1907
University of Michigan, 1937
University of Minnesota, 1948
University of Oklahoma, 1995
USC, Inc., 2111
Wadley Institutes of Molecular Medicine, 2157
Worcester Foundation for Experimental Biology, 2215
See also Automated clinical chemistry

Clocks
Denver Public Library, 0598

Closed ecological systems
American Association for Contamination Control, 0147
Kansas State University, 0979
National Aeronautics and Space Administration, 1186

Clostridium perfringens
University of Wisconsin, 2090
See also Bacteria

Clothing
Army, Department of the, 0317

Clothing design
University of Hawaii, 1859

Cns agents
Georgetown University, 0716
State University of New York, 1655

Coal
Southern Research Institute, 1629

Coastal engineering
New Jersey Department of Environmental Protection, 1280
See also Beach erosion

Coastal regions
Louisiana State University, 1028
Smithsonian Institution, 1575
University of Delaware, 1825
University of Georgia, 1853

See also Estuaries

Coleoptera
Biological Society of Nevada, 0378
Southern Utah State College, 1631
See also Boll weevils; Insects

Colostrum
Washington State University, 2169

Combustion products
Colorado Department of Public Health, 0476
Oceanic Research Institute, 1369
See also Air pollution; Smoke

Community development
University of New Hampshire, 1981
USC, Inc., 2111
See also Regional planning

Comparative physiology
University of Alaska, 1730
University of California, Los Angeles, 1775
See also Physiology

Computerized simulation
Midwest Research Institute, 1126
University of Maryland, 1925

Computers
Arizona State University, 0303
Army, Department of the, 0315
Brigham Young University, 0397
Brookhaven National Laboratory, 0402
Colorado State University, 0484
Iowa State University of Science and Technology, 0952
Loyola University, New Orleans, 1041
The New York Academy of Sciences, 1291
Rutgers--The State University, 1528
Tennessee Valley Authority, 1680
Texas A&M University, 1690
Tulane University, 1711
University of Illinois, 1880
University of Southwestern Louisiana, 2041

Concepts
Institute for Behavioral Research, Inc., 0875

Conchology
California Academy of Sciences, 0411
Waikiki Aquarium, 2158

Congenital abnormalities
Association for the Aid of Crippled Children, 0339
Children's Hospital of Philadelphia, 0459
Jefferson Medical College, 0958
Kingsbrook Jewish Medical Center, 0992
National Foundation, 1207

New York State Department of Health, 1306
The Teratology Society, 1681
University of Illinois, 1873
University of Miami, 1931
University of Minnesota, 1951
See also Muscular dystrophy; Teratism

Connective tissue
University of Pennsylvania, 2003
See also Tissues (biology)

Conservation
Agriculture, Department of, 0069, 0095
Alaska Department of Natural Resources, 0127
American Forest Institute, 0203
American Forestry Association, 0204
Arizona Game and Fish Department, 0300
Army, Department of the, 0321
Aullwood Audubon Center, 0358
Colorado State University, 0492
Congress of the United States, 0545
Connecticut Board of Fisheries and Game, 0548
Connecticut College, 0549
The Conservation Foundation, 0553
Cornell University, 0555
Delaware Division of Fish and Wildlife, 0593
Denver Public Library, 0597, 0598
Executive Office of the President, 0660
Forest History Society, Inc., 0695
Foresta Institute for Ocean and Mountain Studies, 0696
Georgia Forestry Commission, 0721
Georgia Institute of Technology, 0723
Illinois Department of Conservation, 0843
Indiana Department of Natural Resources, 0858
Interior, Department of the, 0887, 0888, 0889, 0896, 0919, 0922, 0923, 0924
Iowa Conservation Commission, 0939
The Izaak Walton League of America, 0955
Kansas Forestry, Fish and Game Commission, 0974
Louisiana Forestry Commission, 1026
Louisiana Tech University, 1035
Maryland Fish and Wildlife Administration, 1067
Massachusetts Department of Natural Resources, 1074, 1075
Michigan Department of Natural Resources, 1112
Milieu Information Service, 1130
Minnesota Department of Conservation, 1139
Mississippi Game and Fish Commission, 1145
Missouri Department of Conservation, 1153

SUBJECT INDEX

- Monroe County (N.Y.) Department of Parks, 1155
Morton Arboretum, 1165
National Audubon Society, 1197
National Parks and Conservation Association, 1214
National Research Council, 1222
National Wildlife Federation, 1235
Nebraska Game and Parks Commission, 1256
New York State Department of Environmental Conservation, 1301
North Carolina State University at Raleigh, 1336
Oakland Office of Parks and Recreation, 1366
Oceanic Research Institute, 1369
Ohio Academy of Science, 1370
Ohio State University, 1377, 1387
Oregon Game Commission, 1406
Pennsylvania Department of Environmental Resources, 1446
Purdue University, 1491, 1492
Quetico-Superior Wilderness Research Center, 1502
Resources for the Future, Inc., 1508
Rutgers--The State University, 1522, 1529
Sierra Club, 1561
Society for the Protection of New Hampshire Forests, 1591
South Dakota Department of Game, Fish, and Parks, 1606
South Dakota State University, 1613
Southeastern Association of Game and Fish Commissioners, 1616
Southern Illinois University, 1622
Staten Island Institute of Arts and Sciences, 1658
Tennessee Game and Fish Commission, 1675
Texas Parks and Wildlife Department, 1697
Trout Unlimited, 1709
University of Connecticut, 1815
University of Maryland, 1915, 1923
University of North Carolina at Chapel Hill, 1987
University of Wyoming, 2105
Vermont Department of Water Resources, 2127
Vermont State Natural Resources Conservation Council, 2131
Virginia Commission of Game and Inland Fisheries, 2143
Washington State University, 2170
Washington University, St. Louis, 2174
The Wilderness Society, 2201
Wildlife Management Institute, 2202
The Wildlife Society, Inc., 2203
Wyoming Game and Fish Commission, 2221
Yale University, 2224
- See also* Ecology; Wildlife conservation; Soil conservation; Water conservation
- Controlled atmospheres**
American Association for Contamination Control, 0147
Kansas State University, 0979
National Aeronautics and Space Administration, 1186
See also Life support systems; Temperature control
- Cookery**
Brooklyn Public Library, 0404
New York Academy of Medicine Library, 1290
See also Food processing
- Cooling**
Battelle Memorial Institute, 0364
- Corrosion**
Economics Laboratory, Inc., 0632
Nalco Chemical Co., 1177
National Association of Corrosion Engineers, 1194
Southern Research Institute, 1629
See also Biodeterioration
- Cosmetics**
Alberto-Culver Co., 0131
Health, Education, and Welfare, Department of, 0765, 0767, 0771
Mercer University, 1100
Purdue University, 1495
South Mountain Laboratories, Inc., 1615
- Cotton**
Agriculture, Department of, 0014, 0021, 0057
DeKalb AgResearch, Inc., 0588
Plains Cotton Growers, Inc., 1470
Texas A&M University, 1688
University of Tennessee, 2045
- Counseling**
American Occupational Therapy Association, 0238
- Counterinsurgency**
Army, Department of the, 0321
- Crop damage**
Iowa State University of Science and Technology, 0949
University of Wisconsin, 2088
- Crude oil**
Denver Public Library, 0598
University of Southwestern Louisiana, 2041
- Crustacea**
Commerce, Department of, 0511, 0512, 0517
- Lehigh University, 0999
Maine Department of Sea and Shore Fisheries, 1051
McLean Paleontological Laboratory, 1087
Texas A&M University, 1687
University of Rhode Island, 2027
Western Kentucky University, 2198
See also Arthropoda; Invertebrates; Seafood; Shellfish
- Cryobiology**
American Foundation for Biological Research, 0205
Cryonics Society of Michigan, Inc., 0576
Pacific Medical Center, 1432
- Cryogenics**
Arthur D. Little, Inc., 0335
Brookhaven National Laboratory, 0402
Institute of Environmental Sciences, 0884
- Crystallography**
American Chemical Society, 0179
- Cultures (biology)**
Wyoming Department of Health and Social Services, 2220
See also Microbiology
- Cybernetics**
The American Society for Cybernetics, 0262
Human Factors Society (HFS), 0832
Research and Development Institute of the United States (RADIUS), 1505
See also Bionics
- Cycles**
Foundation for the Study of Cycles, Inc., 0700
- Cystic fibrosis**
National Cystic Fibrosis Research Foundation, 1205
- Cytology**
Adelphi University, 0005
American Society of Agronomy, 0272
American Type Culture Collection, 0286
Biosciences Information Service of Biological Abstracts, 0381
Bloomsburg State College, 0383
Boston University, 0389
Brown University, 0406
Carnegie Institution of Washington, 0436
Carver Research Foundation of Tuskegee Institute, 0441
Cedars-Sinai Medical Center, 0447
Charles F. Kettering Foundation, 0451
Columbia University, 0497, 0498
Duke University, 0616
Eastern Washington State College, 0631
Emory University, 0636
Florida State University, 0692

Indiana Department of Mental Health, 0857

Justice, Department of, 0970

Narcotic Educational Foundation of America, 1178

New York State Department of Health, 1302

New York State Narcotic Addiction Control Commission, 1310

North American Association of Alcoholism Programs, 1320

Oregon Mental Health Division, 1407

Research Triangle Institute, 1507

San Diego County Department of Public Health, 1543

State University of New York, 1655
See also Narcotics

Drug adjuncts

Colorcon, Inc., 0493

Drug allergies

American Society of Hospital Pharmacists, 0275

Columbia University, 0496

Science Editors, Inc., 1549

State University of New York, 1657

See also Allergic diseases

Drug analysis

American Pharmaceutical Association Foundation, 0246

California Department of Public Health, 0415, 0416

Drake University, 0610

New York City Department of Health, 1293

Drug control

District of Columbia Department of Human Resources, 0604

Drug effects

George Washington University, 0714

Drug evaluation

Bio-Sciences Laboratories, 0377

Cincinnati General Hospital and The Children's Hospital, 0461

Drug industry

Long Island University, 1009

Miles Laboratories Inc. Library, 1129

Pharmaceutical Manufacturers Association, 1458

Pharmaco-Medical Documentation, 1459

Sterling Drug, Inc., 1661, 1662

University of Mississippi, 1960

Drug metabolism

George Washington University, 0714

Research Triangle Institute, 1507

State University of New York, 1655

University of Illinois, 1875

See also Metabolism

Drug therapy

Cincinnati General Hospital and The

Children's Hospital, 0461

Science Editors, Inc., 1549

Sterling Drug, Inc., 1662

University of Florida, 1830

Drug tolerance

State University of New York, 1657

See also Toxic tolerances

Drugs

Albany College of Pharmacy, 0128

American Chemical Society, 0178

American Medical Association, 0226

American Pharmaceutical Association Foundation, 0246, 0247

American Society of Hospital Pharmacists, 0275

Association of Official Analytical Chemists, 0344

Bio-Sciences Laboratories, 0377

Cincinnati General Hospital and The Children's Hospital, 0461

Columbus (Ohio) Crime Laboratory, 0502

Denver Police Department Crime Laboratory, 0596

Drake University, 0610

Ferris State College, 0673

Health, Education, and Welfare, Department of, 0765, 0766, 0771

Hoffmann-LaRoche Inc., 0823

Honolulu Police Department, 0825

Houston Police Department Laboratory, 0830

Indiana Board of Health, 0855

Justice, Department of, 0970

Lakeside Laboratories, 0996

Lilly Research Laboratories, 1003

Linda Hall Library, 1004

Long Island University, 1009

Maryland Department of Health and Mental Hygiene, 1060

Massachusetts College of Pharmacy, 1070

Massachusetts Department of Public Health, 1080

Merck Sharp & Dohme Research Laboratories, 1102

Michigan Department of Public Health, 1114

Michigan State Pharmaceutical Association, 1117

Monroe County (N.Y.) City and County Public Safety Laboratory, 1154

Nevada Department of Health, Welfare, and Rehabilitation, 1261

New York City Police Department, 1295

New York Scientists' Committee for Public Information, Inc., 1298

North Dakota State Laboratories Department, 1342

Northeast Louisiana University, 1345

Oklahoma Department of Health, 1395

Paul de Haen, Inc., 1440

Pfizer, Inc., 1457

Pharmaceutical Manufacturers Association, 1458

Purdue University, 1495

Saint Louis College of Pharmacy, 1532

San Bernardino County Sheriff's Department, 1542

San Diego Police Department Criminalistics Laboratory, 1544

Science Editors, Inc., 1549

Sherman Research Laboratories, 1559

South Mountain Laboratories, Inc., 1615

Southwestern State College, 1634

Stanford University, 1640

State University of New York, 1657

Sterling Drug, Inc., 1662

Stuart Co. Library, 1664

United States Testing Co., Inc., 1720

University of Chicago, 1801

University of Florida, 1830

University of Georgia, 1855

University of Illinois, 1875

University of Kentucky, 1900

University of Minnesota, 1948

University of Missouri at Kansas City, 1964

University of Wisconsin, 2097

Wadley Institutes of Molecular Medicine, 2157

Warner-Lambert Research Institute Library, 2161

Xavier University of Louisiana, 2223

See also Pharmacology; Veterinary drugs

Drugs of marine origin

Battelle Memorial Institute, 0366

Dyes

United States Testing Co., Inc., 1720

Ecesis

Smithsonian Institution, 1574

See also Ecology

Echolocation

The Oceanic Foundation, 1368

See also Cetacea; Sonar

Ecological change

Smithsonian Institution, 1574

Ecological preserves

Federal Committee on Research Natural Areas, 0671

Interior, Department of the, 0895

National Audubon Society, 1197

The Nature Conservancy, 1236

University of Wisconsin, 2092

See also Forests; Parks; Wetlands; Wilderness; Wildlife refuges



SUBJECT INDEX

Ecology

Alaska Cooperative Wildlife Research Unit, 0122
 The American Museum of Natural History, 0235
 Antioch College, 0293
 Arizona State University, 0303
 Army, Department of the, 0314
 Aullwood Audubon Center, 0358
 Battelle Memorial Institute, 0363, 0365
 Biosciences Information Service of Biological Abstracts, 0381
 Bloomsburg State College, 0383
 Brookhaven National Laboratory, 0402
 California Department of Public Health, 0420
 California Resources Agency, 0428
 Carver Research Foundation of Tuskegee Institute, 0441
 Center for Foreign Technology, 0448
 The Claremont Colleges, 0464
 College of Idaho, 0472
 Colorado State University, 0484, 0489
 Cornell University, 0556, 0557
 Dayton Museum of Natural History, 0583
 Duke University, 0616
 East Tennessee State University, 0628
 Eastern Washington State College, 0631
 Environmental Protection Agency, 0646
 Field Museum of Natural History, 0676
 Foresta Institute for Ocean and Mountain Studies, 0696
 Gaylord Memorial Laboratory, 0708
 Gulf Coast Research Laboratory, 0736
 Harvard University, 0749
 Health, Education, and Welfare, Department of, 0814
 Highlands Biological Station, Inc., 0821
 Lehigh University, 0998
 Louisiana Cooperative Wildlife Research Unit, 1020
 Massachusetts Cooperative Wildlife Research Unit, 1071
 McLean Paleontological Laboratory, 1087
 Michigan State University, 1118
 Milieu Information Service, 1130
 Montana Cooperative Wildlife Research Unit, 1156
 National Science Foundation, 1228
 National Wildlife Federation, 1235
 New Hampshire Audubon Nature Center, 1267
 North Carolina State University at Raleigh, 1335
 Oak Ridge National Laboratory, 1359
 Oceanic Research Institute, 1369
 Oklahoma Cooperative Wildlife Research Unit, 1394
 Princeton University, 1480
 Purdue University, 1497
 Rhode Island College, 1510

Rutgers--The State University, 1522
 Sierra Club, 1561
 Slippery Rock State College, 1563
 Smithsonian Institution, 1572, 1573, 1576, 1580
 South Arkansas Arboretum, 1599
 Southern Illinois University, 1625
 Southern Utah State College, 1631
 Stanford University, 1638
 State University of New York, 1645, 1650, 1652, 1653
 Staten Island Institute of Arts and Sciences, 1658
 Texas A&I University, 1682
 Texas A&M University, 1686
 University of Arizona, 1734
 University of California, Los Angeles, 1775
 University of Delaware, 1823
 University of Georgia, 1852
 University of Hartford, 1856
 University of Massachusetts, 1930
 University of Michigan, 1944
 University of Minnesota, 1955
 University of Montana, 1966
 University of Nevada, 1973
 University of North Carolina at Chapel Hill, 1987
 University of Pennsylvania, 2002
 University of Rhode Island, 2029
 University of Texas at Arlington, 2049
 University of Virginia, 2070
 University of Washington, 2074
 University of Wisconsin, 2089, 2102
 University of Wyoming, 2105
 Utah State University, 2120
 West Chester State College, 2185
 Western Michigan University, 2199
 The Wildlife Society, Inc., 2203
 Yale University, 2224
See also Animal ecology; Anthropogenic ecology; Human ecology; Plant ecology; Conservation; Forest ecology

Economic botany

Harvard University, 0750
 University of Miami, 1932
See also Botany

Economic development

Agriculture, Department of, 0097, 0098
 Army, Department of the, 0321
 Arthur D. Little, Inc., 0335
 Battelle Memorial Institute, 0364
 Dunlap and Associates, Inc., 0623
 Midwest Research Institute, 1126
 New York--Vermont Interstate Commission on the Lake Champlain Basin, 1315
 Research Triangle Institute, 1507
 South Dakota State University, 1613
 Tennessee Valley Authority, 1680
 Texas A&M University, 1689

University of Maine, 1913

See also Agricultural development; Technical assistance; Technological development

Effluents

Colorado Department of Public Health, 0476
 San Antonio Metropolitan Health District, 1541
See also Water pollution

Eggs

South Carolina Department of Agriculture, 1600
See also Animal products

Electroanesthesia

American Society for Electro-Anesthesia, 0263
See also Anesthesiology

Electrocardiography

American College of Chest Physicians, 0181
 University of California, San Francisco, 1794
See also Cardiology

Electroencephalography

American Electroencephalographic Society, 0199
 University of California, San Francisco, 1794

Electrofishing

Missouri Cooperative Fishery Unit, 1152
 Oklahoma Fishery Research Laboratory, 1396
See also Fishing

Electron microscopy

Arizona State University, 0303
 Papanicolaou Cancer Research Institute, 1439
 University of California, Los Angeles, 1775
 University of California, Riverside, 1784
 University of Illinois, 1880
 University of Texas at Houston, 2056
See also Microscopy

Electrophysiology

New York University, 1313
See also Physiology

Embalming

California College of Mortuary Science, 0413
 New England Institute of Anatomy, Sanitary Science, Embalming and Funeral Directing, 1264

SUBJECT INDEX

Embryology

Biosciences Information Service of
Biological Abstracts, 0381
Carnegie Institution of Washington, 0436
Duke University, 0616
Eastern Washington State College, 0631
Excerpta Medica Foundation, 0659
Harvard University, 0749
Health, Education, and Welfare,
Department of, 0809, 0814
State University of New York, 1645
University of Oregon, 1999
University of Wisconsin, 2085
See also Developmental biology

Endangered species

Agriculture, Department of, 0094
Detroit Zoological Park, 0602
Foresta Institute for Ocean and Mountain
Studies, 0696
Whooping Crane Conservation
Association, 2200
See also Wildlife conservation

Endocrinology

Air Force, Department of the, 0109
Creighton University, 0574
Duke University, 0618
Harvard University, 0749
Hertzler Research Foundation Library,
0818
The Wm. S. Merrell Co., 1103
Oklahoma Medical Research Foundation,
1397
Pfizer, Inc., 1457
South Mountain Laboratories, Inc., 1615
University of California, Los Angeles,
1775
University of Illinois, 1872
University of Pennsylvania, 2003
University of Wisconsin, 2085
See also Hormones; Hypoadrenocorticism

Endodontics

American Association of Endodontists,
0158
See also Dentistry

Engineering psychology

Human Factors Society (HFS), 0832
See also Psychology

Entomology

Agriculture, Department of, 0017, 0036,
0037, 0038, 0039, 0040, 0041, 0042,
0055, 0081, 0099
American Forest Institute, 0203
The American Museum of Natural History,
0235
Arizona Commission of Agriculture and
Horticulture, 0296
Arizona State University, 0303

Auburn University, 0353
Biosciences Information Service of
Biological Abstracts, 0381
Bloomsburg State College, 0383
Boyce Thompson Institute for Plant
Research, Inc. Library, 0395
Brigham Young University, 0397
California Academy of Sciences, 0411
Carnegie Museum, 0440
Clemson University, 0465
Colorado State University, 0481, 0484,
0488
Cornell University, 0555, 0557
Defense, Department of, 0587
Duke University, 0616
East Tennessee State University, 0628
Eastern Washington State College, 0631
Entomological Society of America, 0639
Explorers Club, 0662
Field Museum of Natural History, 0676
Florida Entomology Society, 0689
Hawaiian Entomological Society, 0762
Illinois Natural History Survey Library,
0850
Iowa Department of Agriculture, 0942
Iowa State University of Science and
Technology, 0950, 0952
Kansas State University, 0980, 0983
Los Angeles County Health Department,
1013
Louisiana Department of Agriculture,
1021
Louisiana State University, 1029, 1030
Michigan Forestry and Park Association,
1116
Milwaukee Public Museum, 1135
Mississippi State University, 1150
Montana State University, 1162
Navy, Department of the, 1241
Nevada Department of Agriculture, 1258
North Carolina Department of
Agriculture, 1322
North Carolina State University at Raleigh,
1335, 1336
Ohio Agricultural Research and
Development Center, 1371
Ohio State University, 1377, 1379
Oklahoma State University, 1399
Pacific Coast Entomological Society, 1428
Pennsylvania State University, 1454
Purdue University, 1491
Rutgers--The State University, 1526
Sam Houston State University, 1540
Smithsonian Institution, 1566, 1581
Staten Island Institute of Arts and
Sciences, 1658
Texas A&I University, 1682
Texas A&M University, 1684, 1688, 1689
University of Alabama, 1727
University of Alaska, 1729
University of Arizona, 1733, 1735
University of Arkansas, 1746

University of California, Berkeley, 1753,
1754, 1756
University of California, Los Angeles,
1775
University of California, Riverside, 1779,
1785
University of Delaware, 1819, 1823
University of Florida, 1836, 1841, 1842
University of Georgia, 1851
University of Hawaii, 1857, 1859, 1863
University of Idaho, 1868, 1869
University of Illinois, 1872, 1877
University of Kansas, 1893
University of Kentucky, 1898
University of Maine, 1909, 1913
University of Massachusetts, 1928, 1930
University of Michigan, 1944
University of Minnesota, 1957
University of Montana, 1968
University of New Hampshire, 1979
University of Pennsylvania, 2002
University of Rhode Island, 2026
University of Texas at Arlington, 2049
University of Texas at Austin, 2050
University of Wisconsin, 2102
University of Wyoming, 2109
Virginia Polytechnic Institute and State
University, 2151
Washington State University, 2172
West Chester State College, 2185
West Virginia University, 2194
See also Insects

Environmental law

Association of Consulting Foresters, 0343
Indiana Board of Health, 0855
Oceanic Research Institute, 1369
See also Fish and game law; Water law

Environmental policy

National Academy of Sciences--National
Academy of Engineering, 1181
Oceanic Research Institute, 1369
See also Science policy

Environmental resistance (biology)

Smithsonian Institution, 1574

Environmental tests

Air Force, Department of the, 0113
American Bio-Synthetics Corp., 0170
Army, Department of the, 0314
Institute of Environmental Sciences, 0884

Enzymes

Biosciences Information Service of
Biological Abstracts, 0381
The Claremont Colleges, 0464
Economics Laboratory, Inc., 0632
Grain Processing Corp., 0729
Papanicolaou Cancer Research Institute,
1439
Texas A&M University, 1684
Travenol Laboratories, Inc., 1708



University of Kansas, 1887
University of North Dakota, 1990
See also Digestion; Physiology

Epidemiology

Agriculture, Department of, 0069
Army, Department of the, 0314, 0315
Baylor University, 0369
California Department of Public Health, 0420
Gorgas Memorial Institute of Tropical and Preventive Medicine, Inc., 0727
Health, Education, and Welfare, Department of, 0774
Johns Hopkins University, 0964
Massachusetts Department of Public Health, 1077
Oregon State Board of Health, 1409
Research Triangle Institute, 1507
University of Maryland, 1920
USC, Inc., 2111
See also Public health

Erosion

Connecticut Department of Agriculture and Natural Resources, 0550
Denver Public Library, 0597
New Jersey Department of Environmental Protection, 1280
Oregon State University, 1424
Texas A&M University, 1691
University of Virginia, 2070
See also Beach erosion; Runoff; Storm erosion

Erosion control

Interior, Department of the, 0888
Pennsylvania Department of Environmental Resources, 1446
See also Soil conservation

Escherichia

Health, Education, and Welfare, Department of, 0774
See also Bacteria

Eskimos

Health, Education, and Welfare, Department of, 0772
University of Alaska, 1732

Estuaries

Commerce, Department of, 0512, 0515, 0516, 0519, 0520, 0535
Environmental Protection Agency, 0646, 0655, 0657
IDRES Information Center, 0840
North Carolina Department of Conservation and Development, 1325
Oceanic Research Institute, 1369
University of Florida, 1835
University of Georgia, 1852, 1853
University of Maryland, 1923
University of North Carolina, 1986

University of Rhode Island, 2029
See also Coastal regions

Ethnology

Dayton Museum of Natural History, 0583
Explorers Club, 0662
Field Museum of Natural History, 0676
Los Angeles County Museum of Natural History, 1016
Museum of Northern Arizona, 1172
Springfield Science Museum, 1636
Yale University, 2225
See also Anthropology

Evaporation control

Oklahoma State University, 1401
See also Water conservation

Evapotranspiration

Clemson University, 0466
Kansas State University, 0982
Texas A&M University, 1691
University of California, Davis, 1768
University of Delaware, 1826
University of Kentucky, 1903
See also Hydrologic cycle

Evolution (development)

Arizona State University, 0303
The Claremont Colleges, 0464
Colorado State University, 0484
Eastern Washington State College, 0631
Field Museum of Natural History, 0676
Highlands Biological Station, Inc., 0821
Smithsonian Institution, 1582
State University of New York, 1653
University of Illinois, 1874
University of Michigan, 1944
Utah State University, 2120
See also Developmental biology

Evolution (developmental)

Ensanian Physicochemical Institute, 0638

Exercise (physiology)

Army, Department of the, 0324
Kent State University, 0984
See also Hygiene; Physical fitness

Exhaust emissions

California Resources Agency, 0427
Chicago Department of Environmental Control, 0456
See also Air pollution

Exobiology

American Phytopathological Society, 0250
National Aeronautics and Space Administration, 1183, 1185, 1186
National Research Council, 1225
See also Bioastronautics; Lunar environment

Exotic animal tissues

Saint Louis Zoological Park, 1536

See also Tissues (biology)

Experimental design

Army, Department of the, 0315

Exploration

Explorers Club, 0662
Linda Hall Library, 1004
Smithsonian Institution, 1580
University of Missouri at Kansas City, 1964

Extinction (biology)

Smithsonian Institution, 1574

Extraterrestrial radiation

American Astronautical Society, 0169

Extravehicular activity

National Aeronautics and Space Administration, 1186

Eye (anatomy)

American Association of Ophthalmology, 0164
Georgetown University, 0715
Guild of Prescription Opticians of America, Inc., 0734
Health, Education, and Welfare, Department of, 0804
International Eye Foundation, 0931
National Society for the Prevention of Blindness, Inc., 1231
Ohio State University, 1382
Retina Foundation, 1509
Wills Eye Hospital and Research Institute, 2206
See also Blindness; Visual perception

Eye diseases

American Foundation for the Blind, 0206
Health, Education, and Welfare, Department of, 0804
The Jewish Guild for the Blind, 0959
National Society for the Prevention of Blindness, Inc., 1231
Ohio State University, 1382
University of California, San Francisco, 1795
Washington University, St. Louis, 2175
Wills Eye Hospital and Research Institute, 2206
See also Ophthalmology; Nervous system disorders; Systemic ocular lesions

Eye glasses

Guild of Prescription Opticians of America, Inc., 0734
See also Medical supplies

Eye injuries

National Society for the Prevention of Blindness, Inc., 1231
Washington University, St. Louis, 2175

SUBJECT INDEX

Eye movements

Institute for Behavioral Research, Inc., 0875
Pacific Medical Center, 1432

Face (anatomy)

American Academy of Maxillofacial Prosthetics, 0141

Fallout

Committee for Environmental Information, 0541
Illinois State Water Survey, 0852
See also Radiation hazards

Family relations

Margaret Sanger Research Bureau, Inc., 1055

Farm crops

Agriculture, Department of, 0046, 0104
Alaska Department of Natural Resources, 0126
Cornell University, 0563
Kansas State University, 0981
Nebraska Department of Agriculture, 1254
New Hampshire Department of Agriculture, 1269
South Dakota Department of Agriculture, 1605
University of California, Riverside, 1781
University of Illinois, 1877
University of Kentucky, 1901
University of New Hampshire, 1979
See also Agronomy; Forage crops; Fruit crops; Potatoes; Soybeans; Vegetables; Sugar cane; Tobacco

Farm management

Louisiana State University, 1029, 1030
Mississippi State University, 1150
New Mexico State University, 1289
Ohio State University, 1376
University of Connecticut, 1818
University of Massachusetts, 1930
University of Wyoming, 2109
West Virginia University, 2194

Farms

Connecticut Department of Agriculture and Natural Resources, 0550

Fatigue (biology)

Army, Department of the, 0324
See also Stress physiology

Fats

Agriculture, Department of, 0015
American Oil Chemists' Society, 0239
Diamond Shamrock Chemical Co., 0603
National Research Council, 1220
University of Minnesota, 1952

See also Metabolism; Nutrients

Fatty acids

American Oil Chemists' Society, 0239
Soap and Detergent Association, 1585

Feed

Agriculture, Department of, 0056, 0065
American Bio-Synthetics Corp., 0170
American Feed Manufacturers Association, Inc., 0201
Armour and Co., 0309
Association of American Feed Control Officials, 0342
Carnation Co., 0435
Commerce, Department of, 0534
Hawaii Department of Agriculture, 0757
Idaho Department of Agriculture, 0835
Illinois Department of Agriculture, 0842
Kansas State University, 0980, 0981
Louisiana Department of Agriculture, 1021
Louisiana State University, 1030
Mississippi State University, 1150
National Research Council, 1219
Nebraska Department of Agriculture, 1254
North Dakota State Laboratories Department, 1342
Purdue University, 1495
South Carolina Department of Agriculture, 1600
South Dakota State University, 1614
University of Hawaii, 1858
University of Kentucky, 1901
Washington State Department of Agriculture, 2163
See also Animal nutrition; Fish protein concentrates; Forage crops

Feed additives

Animal Health Institute, 0291
Health, Education, and Welfare, Department of, 0765
See also Food additives

Feeding stuffs

Louisiana Veterinary Medical Association, 1037

Fermentation

Cornell University, 0561
Grain Processing Corp., 0729
Pfizer, Inc., 1457

Ferns

Harvard University, 0751
University of Cincinnati, 1803
See also Plants (botany); Palynology

Fertilizers

Agriculture, Department of, 0055
American Society of Agronomy, 0272
Army, Department of the, 0321

California Fertilizer Association, 0423
Fertilizer Industry Round Table, 0674
The Fertilizer Institute, 0675
Idaho Department of Agriculture, 0835
Illinois Department of Agriculture, 0842
Kansas State University, 0976
Louisiana Department of Agriculture, 1021
Louisiana State University, 1030
Mississippi State University, 1150
Nebraska Department of Agriculture, 1254
North Carolina Department of Agriculture, 1324
North Carolina State University at Raleigh, 1334
North Dakota State Laboratories Department, 1342
Potash Institute of North America, Inc., 1475
Southern Research Institute, 1629
Tennessee Valley Authority, 1677, 1680
United States Testing Co., Inc., 1720
University of California, Davis, 1767
University of Kentucky, 1901
University of Minnesota, 1954
Washington State Department of Agriculture, 2163
See also Soil fertility

Fertilizing

Potash Institute of North America, Inc., 1475

Fibers

Agriculture, Department of, 0021, 0065
Battelle Memorial Institute, 0364
Columbus (Ohio) Crime Laboratory, 0502
Denver Police Department Crime Laboratory, 0596
Honolulu Police Department, 0825
Houston Police Department Laboratory, 0830
Monroe County (N.Y.) City and County Public Safety Laboratory, 1154
New York City Police Department, 1295
Research Triangle Institute, 1507
San Bernardino County Sheriff's Department, 1542
San Diego Police Department Criminalistics Laboratory, 1544
Southern Research Institute, 1629
United States Testing Co., Inc., 1720
University of Tennessee, 2045
See also Agricultural products; Animal products; Chemurgy; Wool

Fire fighting

See also Forest fires

Fire fighting equipment

Mine Safety Appliances Co. Library, 1136

Fire prevention

American Forest Institute, 0203

Fire protection--Merchant ships

Congress of the United States, 0545

Fish and game law

Connecticut Department of Agriculture and Natural Resources, 0550

Delaware Division of Fish and Wildlife, 0593

Interior, Department of the, 0893

Maryland Fish and Wildlife Administration, 1067

Oregon Game Commission, 1406

South Dakota Department of Game, Fish, and Parks, 1606

Virginia Commission of Game and Inland Fisheries, 2143

Washington State Department of Fisheries Library, 2164

See also Environmental law

Fish diseases

American Fisheries Society, 0202

Auburn University, 0356

California Resources Agency, 0429

Colorado State University, 0482

Interior, Department of the, 0890, 0903, 0908, 0916

Lehigh University, 0999

Pennsylvania Fish Commission, 1447

Tennessee Valley Authority, 1679

See also Animal diseases

Fish kills

American Fisheries Society, 0202

Denver Public Library, 0597

Environmental Protection Agency, 0651, 0653

Illinois Department of Conservation, 0843

Interior, Department of the, 0906, 0914

Interstate Sanitation Commission, 0937

Memphis and Shelby County Health Department, 1098

Oceanic Research Institute, 1369

Oregon State University, 1421

Rhode Island Department of Natural Resources, 1511

San Antonio Metropolitan Health District, 1541

Smithsonian Institution, 1574

Sport Fishing Institute, 1635

Tennessee Department of Public Health, 1674

Tennessee Valley Authority, 1679

Texas Parks and Wildlife Department, 1697

University of Florida, 1835

Vermont Department of Water Resources, 2127

See also Water pollution

Fish management

Alaska Department of Fish and Game, 0124

Arkansas Game and Fish Commission, 0305

California Resources Agency, 0429

Colorado State University, 0489

Commerce, Department of, 0508, 0520, 0539

Connecticut Board of Fisheries and Game, 0548

Florida Department of Natural Resources, 0687

Florida Game and Fresh Water Fish Commission, 0690

Georgia Game and Fish Commission, 0722

Great Lakes Fishery Commission, 0731

Gulf and Caribbean Fisheries Institute, 0735

Idaho Fish and Game Department, 0838

Indiana Department of Natural Resources, 0858

Interior, Department of the, 0890, 0891, 0892, 0894, 0904, 0905, 0906, 0912, 0913, 0914

Kansas Biological Survey, 0971

Kansas Forestry, Fish and Game Commission, 0974

Maine Department of Inland Fisheries and Game, 1050

Maine Department of Sea and Shore Fisheries, 1051

Massachusetts Division of Fisheries and Game, 1083

Michigan Department of Natural Resources, 1109

Michigan State University, 1118

Mississippi Game and Fish Commission, 1145

Missouri Cooperative Fishery Unit, 1152

Montana Fish and Game Department, 1160

National Mosquito Control--Fish and Wildlife Coordination Committee, 1213

New Hampshire Fish and Game Commission, 1272

New Hampshire Fish and Game Department, 1273

New Jersey Department of Environmental Protection, 1278, 1279

New Mexico Department of Game and Fish, 1282

North Dakota Game and Fish Department, 1341

The Oceanic Foundation, 1368

Oregon Fish Commission, 1405

Oregon State University, 1413

Pacific Marine Fisheries Commission, 1431

Rhode Island Department of Natural Resources, 1511

South Carolina Wildlife Resources

Department, 1604

South Dakota Department of Game, Fish, and Parks, 1606

Southeastern Association of Game and Fish Commissioners, 1616

Sport Fishing Institute, 1635

Tennessee Game and Fish Commission, 1676

Texas A&M University, 1686

U.S. Trout Farmers Association, 1721

University of Idaho, 1870

Utah Department of Natural Resources, 2115

Utah State University, 2122

Virginia Commission of Game and Inland Fisheries, 2143

Western Association of State Game and Fish Commissioners, 2196

Wisconsin Department of Natural Resources, 2209

Wyoming Game and Fish Commission, 2222

Fish protein concentrates

Executive Office of the President, 0661

Marine Chemurgics, Inc., 1057

The Oceanic Foundation, 1368

Oregon State University, 1414

See also Feed; Food; Nutrition

Fisheries

Agriculture, Department of, 0069

American Fisheries Society, 0202

Army, Department of the, 0321

Auburn University, 0353, 0354

California Resources Agency, 0428

Colorado State University, 0481

Commerce, Department of, 0508, 0509, 0510, 0512, 0517, 0523, 0525, 0528, 0529, 0530, 0531, 0534

Congress of the United States, 0545

Connecticut Board of Fisheries and Game, 0548

Connecticut Department of Agriculture and Natural Resources, 0550

East Carolina University, 0627

Executive Office of the President, 0661

Florida Department of Natural Resources, 0687, 0688

Great Lakes Commission, 0730

Great Lakes Fishery Commission, 0731

Gulf and Caribbean Fisheries Institute, 0735

Gulf Coast Research Laboratory, 0736, 0737

Illinois Department of Conservation, 0843

Interior, Department of the, 0891, 0892

Iowa Conservation Commission, 0939

Iowa State University of Science and Technology, 0952

Kansas Biological Survey, 0971

SUBJECT INDEX

- State University of New York, 1648, 1649, 1651
Tennessee Valley Authority, 1677, 1679, 1680
Texas A&M University, 1688
Texas Forest Service, 1693
University of Arizona, 1734
University of California, Berkeley, 1757
University of California, Riverside, 1779
University of Florida, 1841, 1842, 1844
University of Georgia, 1854
University of Idaho, 1867, 1869
University of Illinois, 1877
University of Kentucky, 1898, 1901
University of Maine, 1909, 1913, 1914
University of Maryland, 1915, 1923
University of Massachusetts, 1930
University of Minnesota, 1953, 1956, 1957
University of Missouri at Columbia, 1961, 1962
University of Montana, 1968
University of New Hampshire, 1979, 1981, 1982
University of Pennsylvania, 2007
University of Rhode Island, 2031
University of Tennessee, 2045
University of Virginia, 2071
University of Washington, 2077
University of Wisconsin, 2102
University of Wyoming, 2109
Vermont Agency of Environmental Conservation, 2124, 2125
Washington State Library, 2167
Washington State University, 2170, 2172
Wisconsin Department of Natural Resources, 2209
Yale University, 2224
See also Reforestation; Trees (plants)
- Forestry education**
Agriculture, Department of, 0082
- Forests**
Agriculture, Department of, 0070
Connecticut Department of Agriculture and Natural Resources, 0550
Forest History Society, Inc., 0695
Interior, Department of the, 0920
Quetico-Superior Wilderness Research Center, 1502
Sierra Club, 1561
See also Ecological preserves
- Fresh water biology**
Chico State College, 0457
Colorado State University, 0489
Commerce, Department of, 0520
Indiana University, 0865
Interior, Department of the, 0891, 0909, 0912
Iowa Cooperative Fishery Unit, 0940
Kansas Biological Survey, 0971
- Michigan Department of Natural Resources, 1111
Missouri Cooperative Fishery Unit, 1152
Ohio State University, 1379
Oklahoma State University, 1401
Southern Illinois University, 1625
Tennessee Department of Public Health, 1674
University of Idaho, 1870
University of Maryland, 1923
University of Montana, 1966
University of Texas at Arlington, 2049
University of Vermont, 2068
Utah State University, 2122
See also Aquatic biology; Limnology
- Frozen foods**
American Frozen Food Institute, 0207
Pennsylvania State University, 1450
See also Food
- Fruit crops**
Iowa State University of Science and Technology, 0949
Sunkist Growers, Inc., 1665
University of California, Berkeley, 1750
See also Farm crops
- Fruits**
Agriculture, Department of, 0015, 0030, 0057, 0065
American Society for Horticultural Science, 0264
American Society of Enologists, 0274
Dried Fruit Association of California, 0614
Florida Department of Citrus, 0681
Idaho Department of Agriculture, 0835
Maine Department of Agriculture, 1047
Sunkist Growers, Inc., 1665
Texas A&I University, 1683
United Fresh Fruit and Vegetable Association Library, 1717
University of Arizona, 1737
University of California, Riverside, 1781
University of Florida, 1836
University of Georgia, 1849
Wine Institute, 2207
See also Plants (botany); Agricultural products; Pineapples; Viticulture
- Fungi**
Adelphi University, 0005
Agriculture, Department of, 0059
Albion College, 0132
American Phytopathological Society, 0250
American Type Culture Collection, 0286
Army, Department of the, 0315
Central Washington State College, 0450
Colorado Department of Public Health, 0476
Colorado State University, 0484
Duke University, 0616
- Eastern Washington State College, 0631
Excerpta Medica Foundation, 0659
Field Museum of Natural History, 0676
Harvard University, 0751
Lloyd Library and Museum, 1005
New York Botanical Garden, 1292
Pfizer, Inc., 1457
Phytopathological Translations, 1467
Rhode Island College, 1510
Shippensburg State College, 1560
University of California, Berkeley, 1760
University of Cincinnati, 1803
University of Illinois, 1876
University of Montana, 1966
University of North Carolina, 1986
University of Rhode Island, 2026, 2029
University of South Dakota, 2039
University of Washington, 2080
University of Wisconsin, 2091
See also Plants (botany); Yeasts
- Fungicides**
Agriculture, Department of, 0046
American Society for Horticultural Science, 0264
Army, Department of the, 0316
University of Maryland, 1917
See also Pesticides
- Ganglia**
State University of New York, 1655
See also Nervous system
- Gangliosides**
University of Kansas, 1887
- Gas chromatography**
Saint Vincent's Hospital and Medical Center of New York, 1537
University of Hawaii, 1861
- Gastroenterology**
Air Force, Department of the, 0109
Duke University, 0618
Mead Johnson and Co., 1088
Scientific Literature Corp., 1551
- Gastrointestinal system**
American Board of Colon and Rectal Surgery, Inc., 0172
Creighton University, 0574
Georgetown University, 0715
Yale University, 2226
See also Digestion; Rectum
- Genetic counseling**
San Diego County Department of Public Health, 1543
- Genetics**
Adelphi University, 0005
Agriculture, Department of, 0046
American Genetic Association, 0208

American Society of Human Genetics, 0276
 Arizona State University, 0303
 Bio-Sciences Laboratories, 0377
 Biometric Society, Western North American Region, 0380
 Brookhaven National Laboratory, 0402
 Brown University, 0406
 City of Hope National Medical Center, 0463
 Cleveland Psychiatric Institute, 0470
 Colorado State University, 0481, 0484
 Columbia University, 0497, 0498
 Connecticut Agricultural Experiment Station, 0547
 DeKalb AgResearch, Inc., 0588
 Duke University, 0616
 Eastern Washington State College, 0631
 Emory University, 0635, 0636
 Excerpta Medica Foundation, 0659
 Glassboro State College, 0725
 Harvard University, 0749
 Health, Education, and Welfare, Department of, 0810, 0814
 Interior, Department of the, 0907
 Iowa State University of Science and Technology, 0950, 0952
 The Jackson Laboratory, 0956
 John Carroll University, 0960
 Montana State University, 1162
 Nasson College, 1180
 National Association of Animal Breeders, 1190
 National Cystic Fibrosis Research Foundation, 1205
 National Foundation, 1207
 New York State Department of Health, 1306
 North Carolina State University at Raleigh, 1335, 1336
 Northwestern University, 1353
 Ohio Academy of Science, 1370
 Public Health Research Institute of the City of New York, Inc., 1482
 Slippery Rock State College, 1563
 State University of New York, 1645, 1653
 Syracuse University, 1666
 Texas A&M University, 1684, 1688
 Texas Woman's University, 1699
 University of California, Los Angeles, 1775
 University of California, Riverside, 1781
 University of California, San Diego, 1789
 University of California, San Francisco, 1796
 University of Connecticut, 1818
 University of Delaware, 1824
 University of Hartford, 1856
 University of Hawaii, 1861, 1863
 University of Illinois, 1872, 1874
 University of Kansas, 1888

University of Kentucky, 1901
 University of Minnesota, 1951
 University of Montana, 1967
 University of Pennsylvania, 2002
 University of Tennessee, 2044
 University of Texas at Arlington, 2049
 University of Texas at Austin, 2050, 2051
 University of Wisconsin, 2101, 2102
 West Virginia University, 2194
 Wistar Institute of Anatomy and Biology, 2213
 Yale University, 2227
See also Immunogenetics; Molecular biology; Plant genetics

Geological surveys

Beloit College Libraries, 0372
 Linda Hall Library, 1004
 University of Missouri at Kansas City, 1964

Geology

Academy of Natural Sciences of Philadelphia, 0003
 Alabama Academy of Science, 0117
 The American Museum of Natural History, 0235
 Arizona State University, 0303
 Army, Department of the, 0321
 Arthur D. Little, Inc., 0335
 Bear Mountain Trailside Museums and Nature Trails, 0370
 Beloit College Libraries, 0372
 Brigham Young University, 0397
 Brooklyn Public Library, 0404
 California Academy of Sciences, 0410
 Carnegie Library of Pittsburgh, 0438
 Colorado State University, 0484
 Columbia Science Museum, 0494
 Connecticut Department of Agriculture and Natural Resources, 0550
 Cranbrook Institute of Science, 0572
 Dayton Museum of Natural History, 0583
 Earlham College Libraries and Museum, 0625
 East Carolina University, 0627
 Emory University, 0636
 Fort Worth Museum of Science and History, 0699
 Glassboro State College, 0725
 Gulf Coast Research Laboratory, 0736
 Idaho State University Library, 0839
 Indiana University, 0860
 Iowa State University of Science and Technology, 0952
 Kansas City Public Library, 0972
 Kansas State University, 0983
 Linda Hall Library, 1004
 Los Angeles Public Library, 1018
 Louisiana State University, 1028, 1033
 Louisiana Tech University, 1035
 McLean Paleontological Laboratory, 1087
 Milwaukee Public Museum, 1135
 Moss Landing Marine Laboratories, 1166

Museum of Northern Arizona, 1172
 Museum of Science (Boston), 1175
 National Science Foundation, 1229
 Ohio Academy of Science, 1370
 Organization for Tropical Studies, Inc., 1425
 Public Library of Cincinnati and Hamilton County, 1483
 Purdue University, 1496
 South Dakota State University, 1612
 Springfield Science Museum, 1636
 Staten Island Institute of Arts and Sciences, 1658
 Syracuse University, 1667
 Tennessee Valley Authority, 1680
 Toledo-Lucas County Public Library, 1705
 University of Alabama, 1728
 University of Arizona, 1743
 University of California, San Diego, 1790
 University of Colorado, 1812
 University of Hawaii, 1863
 University of Kansas, 1893
 University of Minnesota, 1957
 University of Missouri at Kansas City, 1964
 University of Oklahoma, 1994
 University of Oregon, 2000
 University of South Carolina, 2038
 University of Southwestern Louisiana, 2041
 University of Washington, 2084
 University of Wyoming, 2108
 Wayne State University, 2180
 Yale University, 2225
See also Paleontology

Geriatrics

African Medical and Research Foundation, Inc., 0010
 Duke University, 0617
 Excerpta Medica Foundation, 0659
 Health, Education, and Welfare, Department of, 0775, 0786, 0809
 National Council on the Aging, 1204
 New Jersey Bureau of Research in Neurology and Psychiatry, 1276
 University of California, Santa Barbara, 1798

Germ free animals

University of Notre Dame, 1991
See also Laboratory animals

Gerontology

American Association for Rehabilitation Therapy, Inc., 0151
 Biosciences Information Service of Biological Abstracts, 0381
 Duke University, 0617
 Health, Education, and Welfare, Department of, 0775
 National Council on the Aging, 1204
 University of North Carolina at Chapel Hill, 1988

SUBJECT INDEX

Cornell University, 0563
 Desert Botanical Garden of Arizona, 0600
 Fairchild Tropical Garden, 0665
 Garden Center of Greater Cleveland, 0706
 George Landis Arboretum, 0712
 Highland Park Herbarium, 0820
 Horticultural Society of New York, Inc., 0826
 Idaho Department of Agriculture, 0835
 Iowa State University of Science and Technology, 0946, 0949, 0950, 0952
 Kansas State University, 0980, 0983
 Longwood Gardens, 1010
 Los Angeles State and County Arboretum, 1019
 Louisiana State University, 1029, 1030
 Louisiana Tech University, 1035
 Maine Department of Agriculture, 1047
 Massachusetts Horticultural Society, 1084
 Michigan Forestry and Park Association, 1116
 Missouri Botanical Garden Library, 1151
 Monroe County (N.Y.) Department of Parks, 1155
 Montana State University, 1162
 Morton Arboretum, 1165
 National Council of State Garden Clubs, Inc., 1202
 New Mexico State University, 1288, 1289
 New York State Agricultural Experiment Station, Geneva, 1299
 Norfolk Botanical Gardens, 1318
 North Carolina State University at Raleigh, 1332, 1336
 Ohio Agricultural Research and Development Center, 1371
 Ohio State University, 1376
 Oklahoma State University, 1399
 Orchid Jungle, 1402
 Oregon State University, 1412
 Pennsylvania Horticultural Society Library, 1449
 Pennsylvania State University, 1454
 Public Library of Cincinnati and Hamilton County, 1483
 Purdue University, 1491, 1496
 Sam Houston State University, 1539
 Southeastern Louisiana University, 1617
 Texas A&M University, 1688, 1689
 University of Alaska, 1729
 University of Arizona, 1733, 1737
 University of California, Riverside, 1785
 University of Connecticut, 1815, 1818
 University of Delaware, 1819, 1822, 1823
 University of Florida, 1836, 1841, 1842
 University of Georgia, 1849, 1851
 University of Hawaii, 1857, 1859
 University of Idaho, 1866
 University of Kentucky, 1896, 1898, 1901
 University of Maine, 1909, 1911
 University of Massachusetts, 1926, 1930
 University of Miami, 1932

University of New Hampshire, 1979, 1982
 University of Oklahoma, 1996
 University of Pennsylvania, 2007
 University of Puerto Rico, 2020, 2022
 University of Rhode Island, 2025, 2031
 University of Southwestern Louisiana, 2041
 University of Tennessee, 2045
 University of Vermont, 2065
 University of Washington, 2079
 University of Wisconsin, 2102
 University of Wyoming, 2109
 Virginia Polytechnic Institute and State University, 2152
 Washington State Department of Agriculture, 2163
 Washington State University, 2172
 West Texas State University, 2186
 West Virginia University, 2189, 2194
 Wisconsin State University, Platteville, 2211
 Wisconsin State University, River Falls, 2212
See also Flowers; Greenhouses; Viticulture; Silviculture
Hospital administration
 Air Force, Department of the, 0109
 American Association of Hospital Consultants, 0160
 American Hospital Association, 0213
 Army, Department of the, 0329
 California Department of Mental Hygiene, 0414
 Health, Education, and Welfare, Department of, 0781, 0814
 Los Angeles County-University of Southern California Medical Center, 1017
 Today Co., 1703
 University of Michigan, 1938
 University of Texas at Houston, 2056
 Veterans Administration, 2135
Hospital pharmacy
 American Society of Hospital Pharmacists, 0275
 University of Minnesota, 1948
See also Pharmacy
Hospitals
 American Association of Hospital Consultants, 0160
 American College of Surgeons, 0188
 American Hospital Association, 0213
 American Psychiatric Association, 0252
 Colorado Department of Public Health, 0476
 Health and Hospital Corp. of Marion County, Ind., 0764
 Health, Education, and Welfare, Department of, 0779
 National Association of Private Psychiatric Hospitals, 1196
 National Environmental Health Association, 1206
 New Mexico Health and Social Services Department, 1283
 New York Academy of Medicine Library, 1290
 South Dakota Department of Health, 1607
 Texas Department of Health, 1692
 University of Michigan, 1938
 Vermont Hospital Association, 2129
 Westchester Academy of Medicine Library, 2195
See also Medical facilities
Hospitals (structures)
 American Association of Hospital Consultants, 0160
 Today Co., 1703
Household chemicals
 Colorado Department of Public Health, 0476
 Health, Education, and Welfare, Department of, 0765
See also Hazardous materials
Human adaptability
 National Research Council, 1222
Human ecology
 Air Force, Department of the, 0113
 Milieu Information Service, 1130
 Smithsonian Institution, 1574
 University of Alaska, 1730
 University of California, San Francisco, 1796
 University of Wisconsin, 2092
 Washington University, St. Louis, 2174
See also Ecology
Human factors engineering
 Air Force, Department of the, 0106, 0108, 0110
 Allied Research Associates, Inc., 0135
 Arizona State University, 0303
 Dunlap and Associates, Inc., 0623
 Fairchild Hiller, 0664
 Harvard University, 0753
 Health, Education, and Welfare, Department of, 0814
 Human Factors Society (HFS), 0832
 Institute of Electrical and Electronics Engineers, Inc., 0883
 MSA Research Corp., 1171
 Navy, Department of the, 1244
 Scientists' Institute for Public Information, 1553
 Transportation, Department of, 1706
 University of Kentucky, 1904
 USC, Inc., 2111

Humane treatment of animals

Animal Welfare Institute, 0292
See also Laboratory animals

Hunting

Arkansas Game and Fish Commission, 0305
 Boone and Crockett Club, 0386
 Illinois Department of Conservation, 0843
 Nebraska Game and Parks Commission, 1256
 North American Game Breeders and Shooting Preserve Association, Inc., 1321
 Ohio Department of Natural Resources, 1374
 Oregon Game Commission, 1406
 Utah Department of Natural Resources, 2115
 Virginia Commission of Game and Inland Fisheries, 2143

Hydrogeology

Auburn University, 0356
 Colorado State University, 0492
 Denver Public Library, 0597
 Illinois State Water Survey, 0852
 Iowa State University of Science and Technology, 0953
 Pennsylvania Department of Environmental Resources, 1445
 Texas A&M University, 1691
 University of Delaware, 1826
 University of Florida, 1835
 University of Hawaii, 1864
 University of Minnesota, 1958
 University of Montana, 1966
 University of Wisconsin, 2099
 Washington State University, 2171
See also Ground water

Hydrographic surveys

Congress of the United States, 0545

Hydrography

Army, Department of the, 0321
 Commerce, Department of, 0513, 0517
 Explorers Club, 0662
 Pennsylvania Department of Environmental Resources, 1446
 University of Alabama, 1725
 Virginia Institute of Marine Science, 2149
 West Virginia University, 2193

Hydrologic cycle

Auburn University, 0356
 Clemson University, 0466
 University of Florida, 1835
 Washington State University, 2171
See also Evapotranspiration; Runoff

Hydrology

Agriculture, Department of, 0069, 0070, 0099, 0101

American Institute of Crop Ecology, 0219
 American Water Resources Association, 0288
 Army, Department of the, 0321
 Clemson University, 0466
 Colorado State University, 0481, 0484, 0492
 IIT Research Institute, 0841
 Illinois State Water Survey, 0852
 Interior, Department of the, 0888
 Louisiana Tech University, 1036
 Michigan State University, 1121
 New Jersey Department of Environmental Protection, 1279, 1280
 Ohio State University, 1390
 Oklahoma Fishery Research Laboratory, 1396
 Oregon State University, 1424
 Pennsylvania State University, 1451
 Purdue University, 1497
 Tennessee Valley Authority, 1680
 Texas A&M University, 1690, 1691
 The Travelers Research Center, Inc., 1707
 University of Alaska, 1731
 University of Arizona, 1743
 University of California, Davis, 1768
 University of Delaware, 1826
 University of Hawaii, 1864
 University of Idaho, 1870
 University of Illinois, 1882
 University of Minnesota, 1958
 University of Montana, 1968
 University of Nevada, 1973, 1974
 University of New Hampshire, 1981, 1982
 University of Tennessee, 2047
 University of Wisconsin, 2093, 2098, 2099
 Utah State University, 2118
 Virginia Polytechnic Institute and State University, 2155
 West Virginia University, 2193

Hydrometeorology

Illinois State Water Survey, 0852
 Texas A&M University, 1691
 University of Delaware, 1826
 University of Minnesota, 1958

Hygiene

Agriculture, Department of, 0069
 Alabama Department of Public Health, 0120
 Alaska Department of Health and Welfare, 0125
 American Association for Health, Physical Education, and Recreation, 0148
 American Medical Association, 0229
 American Public Health Association, 0255
 Arizona Department of Health, 0297
 Army, Department of the, 0331
 California Department of Public Health, 0415
 Hampden District Medical Society, 0744

Health, Education, and Welfare, Department of, 0814
 Illinois Department of Public Health, 0846
 Los Angeles Public Library, 1018
 Massachusetts Department of Public Health, 1077
 Minnesota State Medical Association, 1144
 Montana Department of Health and Environmental Sciences, 1159
 National Health Federation, 1208
 President's Council on Physical Fitness and Sports, 1479
 State Medical Society of Wisconsin, 1643
 University of North Carolina at Chapel Hill, 1988
 University of Oregon, 2000
 Wisconsin Department of Health and Social Services, 2208
See also Exercise (physiology); Mental hygiene; Military hygiene; Oral hygiene

Hymenoptera

Middlebury College, 1125
 University of California, Berkeley, 1753
See also Insects

Hypertension

American College of Chest Physicians, 0181
 Cox Heart Institute, 0571
See also Stress physiology

Hypnosis

Institute for Research in Hypnosis and Center for Clinical Research in Hypnotherapy, 0881
 New Jersey Bureau of Research in Neurology and Psychiatry, 1276
 Society for Clinical and Experimental Hypnosis, 1587

Hypoadrenocorticism

Adrenal Metabolic Research Society of the Hypoglycemia Foundation, Inc., 0006
See also Endocrinology

Immobilizing drugs

Detroit Zoological Park, 0602
 Smithsonian Institution, 1572
 Washington State University, 2169
See also Veterinary drugs

Immunogenetics

American University, 0287
See also Genetics

Immunology

Academy of Medicine of New Jersey Library, 0002
 Air Force, Department of the, 0109
 American Association of Blood Banks, 0155

SUBJECT INDEX

University of Michigan, 1940, 1946
Veterans Administration, 2139
See also Germ free animals; Humane treatment of animals; Mice; Primates

Lactation

North Carolina State University at Raleigh, 1329

Lakes

Auburn University, 0356
Foresta Institute for Ocean and Mountain Studies, 0696
Great Lakes Commission, 0730
Interior, Department of the, 0909
State University of New York, 1647
University of Wisconsin, 2093
See also Limnology; Water resources

Land

Agriculture, Department of, 0084, 0085, 0086, 0087, 0088, 0089, 0090, 0091
See also Soils; Public land

Land development

Alaska Department of Natural Resources, 0127
American Society of Agronomy, 0272
Colorado State University, 0492
Interior, Department of the, 0888
Massachusetts Department of Natural Resources, 1075
Resources for the Future, Inc., 1508
South Dakota Department of Game, Fish, and Parks, 1606

Land reclamation

Agriculture, Department of, 0099
Army, Department of the, 0321
Illinois Department of Conservation, 0843
Tennessee Valley Authority, 1679
See also Agricultural engineering

Land surveys

Interior, Department of the, 0888

Land titles

American Forestry Association, 0204

Land use

American Society of Agronomy, 0272
Army, Department of the, 0321
Interior, Department of the, 0888
International Remote Sensing Institute, 0935
Massachusetts Department of Natural Resources, 1075
Milieu Information Service, 1130
Minnesota Pollution Control Agency, 1142
New York State Department of Environmental Conservation, 1301
Ohio State University, 1387
Resources for the Future, Inc., 1508

Soil Conservation Society of America, 1596

University of New Hampshire, 1981
University of Washington, 2077

Landscaping

American Horticultural Society, 0211
Bayard Cutting Arboretum, 0368
Golf Course Superintendents Association of America, 0726
Louisiana State University, 1030
Massachusetts Department of Natural Resources, 1075
Massachusetts Horticultural Society, 1084
Montana State University, 1162
Morton Arboretum, 1165
National Council of State Garden Clubs, Inc., 1202
Pennsylvania Department of Environmental Resources, 1446
State University of New York, 1649
University of California, Berkeley, 1754
University of Georgia, 1851
University of Rhode Island, 2025
University of Wisconsin, 2102

Landslides

Smithsonian Institution, 1574

Larvicides

Pan American Health Organization, 1437
See also Pesticides

Lasers--Medical applications

Army, Department of the, 0326, 0332

Learning

Columbia University, 0499
Institute for Behavioral Research, Inc., 0875
University of Maryland, 1921

Leather

Agriculture, Department of, 0015
Battelle Memorial Institute, 0364
Diamond Shamrock Chemical Co., 0603
University of Cincinnati, 1806
See also Hides; Skins

Lichens

University of Cincinnati, 1803
University of Wisconsin, 2091
See also Plants (botany)

Life span

Dartmouth College, 0581

Life support systems

Institute of Environmental Sciences, 0884
MSA Research Corp., 1171
National Aeronautics and Space Administration, 1185
Navy, Department of the, 1245
University of Kentucky, 1904

See also Aerospace life support systems; Controlled environments; Underwater life support systems

Lifesaving

Congress of the United States, 0545

Lignin

The Institute of Paper Chemistry, 0886
See also Wood products

Limnology

Academy of Natural Sciences of Philadelphia, 0003
Agriculture, Department of, 0069
American Fisheries Society, 0202
American Institute of Crop Ecology, 0219
American Society of Limnology and Oceanography, 0277
American Water Resources Association, 0288
Aquatic Research Institute, 0294
Auburn University, 0354, 0356
Biological Society of Nevada, 0378
Biosciences Information Service of Biological Abstracts, 0381
The Claremont Colleges, 0464
Clemson University, 0466
Colorado State University, 0482, 0492
Commerce, Department of, 0508, 0520
Cornell University, 0557
Eastern Washington State College, 0631
Georgia Water Quality Control Board, 0724
Health, Education, and Welfare, Department of, 0772
Illinois State Water Survey, 0852
Indiana University, 0865
Interior, Department of the, 0891, 0909, 0910, 0912, 0913
Iowa Cooperative Fishery Unit, 0940
Iowa State University of Science and Technology, 0953
Michigan Department of Natural Resources, 1111, 1112
Michigan State University, 1121
Minnesota Department of Conservation, 1139
Missouri Cooperative Fishery Unit, 1152
National Research Council, 1222
New Jersey Department of Environmental Protection, 1279
New York Zoological Society, 1317
Oceanic Research Institute, 1369
Ohio River Valley Water Sanitation Commission, 1375
Ohio State University, 1379
Oklahoma State University, 1401
Oregon State University, 1421
Pennsylvania State University, 1455
Sam Houston State University, 1540
Southern Illinois University, 1625
State University of New York, 1645

Tennessee Game and Fish Commission, 1676
 Tennessee Valley Authority, 1678, 1680
 Texas A&M University, 1691
 University of Alaska, 1731
 University of Florida, 1835
 University of Louisville, 1908
 University of Minnesota, 1958
 University of Montana, 1966
 University of Tennessee, 2047
 University of Vermont, 2068
 University of Wisconsin, 2085, 2093, 2098, 2099, 2100
 University of Wyoming, 2105
 Wisconsin State University, La Crosse, 2210
See also Lakes; Fresh water biology; Biological productivity

Lipids

American Oil Chemists' Society, 0239
 Health, Education, and Welfare, Department of, 0774
 Marine Chemurgics, Inc., 1057
 Oklahoma Medical Research Foundation, 1397
 Oregon State University, 1414
 Pennsylvania State University, 1450
 University of Kansas, 1887
 University of Minnesota, 1952
 University of North Dakota, 1990

Listeria

Health, Education, and Welfare, Department of, 0774
See also Bacteria

Liver diseases

University of Maryland, 1920

Liverworts

Index to Authors in Bryophyta and Index to Bryophyte Literature of Latin America, 0854
 University of Cincinnati, 1803
See also Mosses; Plants (botany)

Livestock

Agriculture, Department of, 0047, 0104
 Alaska Department of Natural Resources, 0126
 Connecticut Department of Agriculture and Natural Resources, 0550
 Minnesota State Livestock Sanitary Board, 1143
 Nevada Department of Agriculture, 1258
 South Dakota Department of Agriculture, 1605
 University of Illinois, 1877
 University of Maryland, 1916
 Vermont Sheep Breeders Association, 2130
See also Cattle; Mammals; Pigs; Animal husbandry

Livestock poisoning

South Dakota State University, 1614
 Utah State University, 2119
See also Poisoning

Logging

Agriculture, Department of, 0093
 Forest Farmers Association Cooperative, 0694
 University of Washington, 2077

Lumber

California Redwood Association, 0426
 Michigan Technological University, 1123
See also Wood

Lunar environment

National Aeronautics and Space Administration, 1185
See also Exobiology

Lymphatic diseases

African Medical and Research Foundation, Inc., 0010
 Wadley Institutes of Molecular Medicine, 2157

Malignant neoplasms

African Medical and Research Foundation, Inc., 0010
 Air Force, Department of the, 0109
 American Cancer Society, Inc. Medical Library, 0177
 American College of Surgeons, 0188
 American Medical Center at Denver, 0231
 Battelle Memorial Institute, 0365
 Brandeis University, 0396
 Excerpta Medica Foundation, 0659
 Health, Education, and Welfare, Department of, 0803
 Institute for Cancer Research, 0876
 Institute for Medical Research, 0878
 Institute for Medical Research and Studies, 0879
 The Jackson Laboratory, 0956
 Jefferson Medical College, 0958
 Kingsbrook Jewish Medical Center, 0992
 Maryland Department of Health and Mental Hygiene, 1060
 Massachusetts Department of Public Health, 1077, 1081
 Michigan Cancer Foundation, 1108
 National Cancer Cytology Center, Inc., 1199
 New York State Department of Health, 1306
 Oklahoma Medical Research Foundation, 1397
 Papanicolaou Cancer Research Institute, 1439
 Research Triangle Institute, 1507
 Roswell Park Memorial Institute, 1517, 1518, 1520

Scientific Literature Corp., 1551
 University of Chicago, 1800
 University of Nebraska, 1970
 University of Nevada, 1971
 University of Texas at Houston, 2056
 University of Wisconsin, 2094, 2101
 Wadley Institutes of Molecular Medicine, 2157
 Waldemar Medical Research Foundation, Inc., 2159
 Wistar Institute of Anatomy and Biology, 2213
See also Neoplasms

Malnutrition

African Medical and Research Foundation, Inc., 0010

Mammals

The American Museum of Natural History, 0235
 California Academy of Sciences, 0411
 Catskill Game Farm, Inc., 0444
 Columbia Science Museum, 0494
 Eastern Washington State College, 0631
 Field Museum of Natural History, 0676
 Hibernation Information Exchange, 0819
 Interior, Department of the, 0897
 Michigan Department of Natural Resources, 1112
 Milwaukee Public Museum, 1135
 Rhode Island College, 1510
 Staten Island Zoo, 1659
 Stephen F. Austin State University, 1660
 University of Alabama, 1727
 University of Alaska, 1730
 University of California, Los Angeles, 1775
 University of Kansas, 1888
 University of Texas at Arlington, 2049
 University of Utah, 2059
See also Bats; Cetacea; Livestock; Primates; Seals (mammals); Vertebrates; Wolves

Marihuana

Mason Research Institute, 1069
See also Psychotropic drugs

Marine bioassay

Battelle Memorial Institute, 0366
 Maine Department of Sea and Shore Fisheries, 1051
 Mount Desert Island Biological Laboratory, 1168
 University of Mississippi, 1960
See also Bioassay

Marine biology

Adelphi University, 0005
 American Society for Oceanography, 0267
 Battelle Memorial Institute, 0365, 0366
 Boston University, 0389
 California Resources Agency, 0428

SUBJECT INDEX

- Center for Foreign Technology, 0448
 Commerce, Department of, 0508, 0511, 0512, 0513, 0515, 0516, 0517, 0518, 0519, 0520, 0529, 0532, 0535, 0539
 Defense, Department of, 0586
 Duke University, 0621
 East Carolina University, 0627
 Environmental Protection Agency, 0654
 Executive Office of the President, 0660, 0661
 Florida Department of Natural Resources, 0688
 Gulf Coast Research Laboratory, 0736, 0737
 Harvard University, 0756
 Hawaii Department of Land and Natural Resources, 0759
 Health, Education, and Welfare, Department of, 0814
 IDRES Information Center, 0840
 International Oceanographic Foundation, 0932
 Key West Municipal Aquarium, 0990
 Lehigh University, 0998
 Maine Department of Sea and Shore Fisheries, 1051
 Marine Biological Laboratory Library, 1056
 Marineland of the Pacific Biological Laboratory, 1058
 Marineland Research Laboratory, 1059
 Moss Landing Marine Laboratories, 1166
 Mote Marine Laboratory, Inc., 1167
 Mount Desert Island Biological Laboratory, 1168
 Nasson College, 1180
 Navy, Department of the, 1246
 New England Marine Resources Information Program, 1265
 New York Zoological Society, 1317
 North Carolina State University at Raleigh, 1335, 1336
 Oceanic Research Institute, 1369
 Oregon State University, 1419
 Organization for Tropical Studies, Inc., 1425
 Puerto Penasco Marine Research Laboratory, 1484
 Skidaway Institute of Oceanography Library, 1562
 Smithsonian Institution, 1574, 1575, 1577, 1578, 1580
 Stanford University, 1639
 Texas A&I University, 1682
 Texas A&M University, 1687
 University of Alabama, 1725
 University of California, San Diego, 1790
 University of Delaware, 1824
 University of Florida, 1847
 University of Georgia, 1852, 1853
 University of Hawaii, 1860, 1863
 University of Maryland, 1915
 University of Miami, 1933
 University of North Carolina, 1986
 University of Oregon, 1999
 University of Puerto Rico, 2021
 University of Rhode Island, 2028, 2029
 University of South Carolina, 2037
 University of Texas, 2048
 University of Texas at Arlington, 2049
 University of the Pacific, 2057
 University of Washington, 2078, 2080, 2084
 Virginia Institute of Marine Science, 2149
 Walla Walla College, 2160
See also Aquatic biology
- Marine commensals**
 University of Rhode Island, 2027
- Marine engineering**
 American Society for Oceanography, 0267
 Defense, Department of, 0586
 Executive Office of the President, 0660, 0661
 International Oceanographic Foundation, 0932
 Lehigh University, 0998
 Marine Biological Laboratory Library, 1056
 Navy, Department of the, 1246
 New England Marine Resources Information Program, 1265
 The Oceanic Foundation, 1368
 University of California, San Diego, 1790
 University of Hawaii, 1863
 University of Miami, 1933
 University of Rhode Island, 2031
 University of Washington, 2078
See also Oceanographic vehicles
- Marine fishes**
 Commerce, Department of, 0533, 0537, 0539
 University of California, San Diego, 1787
 Waikiki Aquarium, 2158
See also Fishes
- Marine invertebrates**
 McLean Paleontological Laboratory, 1087
 Texas A&I University, 1682
 University of California, San Diego, 1786, 1788
 University of Oregon, 1999
 University of Washington, 2080
See also Invertebrates
- Marine microorganisms**
 Environmental Protection Agency, 0654
 New York Zoological Society, 1317
See also Aquatic microbiology
- Marine organisms**
 Smithsonian Institution, 1577, 1578
See also Urochorda
- Marine parasites**
 University of Oregon, 1999
 University of Rhode Island, 2027
See also Parasites
- Marine toxins**
 Commerce, Department of, 0517
 Environmental Protection Agency, 0654, 0655, 0657
 Oregon State University, 1414
 Texas A&M University, 1687
 University of Hawaii, 1860
 World Life Research Institute, 2217
See also Toxins
- Meat**
 Agriculture, Department of, 0015, 0016, 0067
 American Meat Institute Foundation, 0224
 Illinois Department of Agriculture, 0842
 National Renderers Association, Inc., 1216
 University of Kentucky, 1897
 University of Maryland, 1916
See also Animal products; Food
- Mechanical hearts**
 Cox Heart Institute, 0571
- Mechanical organs**
 Brown University, 0406
 Cleveland Clinic Foundation, 0467
 Travenol Laboratories, Inc., 1708
See also Prosthetic devices
- Medical administration**
 Air Force, Department of the, 0112
 Health, Education, and Welfare, Department of, 0776
- Medical breathing gases**
 American Association for Inhalation Therapy, 0149
 American Registry of Inhalation Therapists, 0257
 Puritan-Bennett Corp., 1499
See also Anesthetics
- Medical dissertations**
 Medical Library Center of New York, 1093
- Medical economics**
 Academy of Medicine of Cincinnati, 0001
 American Association of Ophthalmology, 0164
 The American College of Radiology, 0185, 0186
 American Medical Association, 0225
 American Pharmaceutical Association Foundation, 0247
 American Podiatry Association, 0251
 Columbia University, 0501
 Health, Education, and Welfare, Department of, 0781, 0795, 0814

Mississippi State Medical Association,
1148
Polk County Medical Society, 1471
Research Triangle Institute, 1507
Rhode Island Medical Society Library,
1512
Veterans Administration, 2135

Medical education

American College of Surgeons, 0188
American Podiatry Association, 0251
American Rehabilitation Foundation,
0259
Army, Department of the, 0331
Case Western Reserve University, 0442
Health, Education, and Welfare,
Department of, 0792, 0798, 0814
Lovelace Foundation for Medical
Education and Research, 1040
National Research Council, 1224
New York Academy of Medicine Library,
1290
Northern New England Academy, Inc.,
1350
Pan American Health Organization, 1438

Medical equipment

Army, Department of the, 0323
Association for the Advancement of
Medical Instrumentation, 0337
Health, Education, and Welfare,
Department of, 0765, 0814
National Sanitation Foundation, 1227
Navy, Department of the, 1241
Travenol Laboratories, Inc., 1708
See also Prosthetic devices

Medical equipment repair

Air Force, Department of the, 0112

Medical ethics

The American College of Radiology, 0185

Medical examination

Health, Education, and Welfare,
Department of, 0814
Industrial Medical Association, 0872

Medical facilities

American Association for Rehabilitation
Therapy, Inc., 0151
Health, Education, and Welfare,
Department of, 0779, 0802
See also Hospitals; Nursing homes;
Psychiatric clinics

Medical identification

Medic Alert Foundation International,
1090

Medical intelligence

Army, Department of the, 0321
World Life Research Institute, 2217

Medical jurisprudence

Air Force, Department of the, 0107
American Academy of Forensic Sciences,
0139
The American College of Radiology, 0186
American Podiatry Association, 0251
Army, Department of the, 0329
Association for the Study of Abortion, Inc.,
0340
Boston University, 0390
Cedars-Sinai Medical Center, 0447
Congress of Neurological Surgeons, Inc.,
0543
Defense, Department of, 0584
Hawaii Department of Health, 0758
Health, Education, and Welfare,
Department of, 0814
International Reference Organization in
Forensic Medicine (INFORM), 0934
Justice, Department of, 0970
Louisiana State University, 1031
Milton Helpern Library of Legal Medicine,
1132
National Association of Coroners, 1193
National Society for Medical Research,
1230
New York Academy of Medicine Library,
1290
New York State Medical Library, 1309
Pharmaco-Medical Documentation, 1459
Philadelphia Department of Public Health,
1463
Polk County Medical Society, 1471
Rhode Island Medical Society Library,
1512
Texas Medical Association Memorial
Library, 1696
University of Oklahoma, 1993
Virginia Department of Health, 2148
William Beaumont General Hospital, 2204

Medical legislation

Academy of Medicine of Cincinnati, 0001
New Mexico Nurses' Association, 1287

Medical libraries

Wayne State University, 2182

Medical personnel

Columbia University, 0501
Health, Education, and Welfare,
Department of, 0781, 0792, 0793, 0796,
0814
Institute for Health Research, 0877
Scientific Manpower Commission, 1552
See also Dental personnel; Nurses;
Opticians; Orthoptists; Orthotists;
Pharmacists; Physicians; Prosthetists

Medical plants

See also Pharmacognosy; Plants (botany)

Medical practice

Air Force, Department of the, 0112
Health, Education, and Welfare,
Department of, 0776

Medical records

Association for Health Records, 0336
Council for Interdisciplinary
Communication in Medicine, 0567
Hawaii Department of Health, 0758
Health, Education, and Welfare,
Department of, 0800
State University of New York, 1654
Tulane University, 1711

Medical research facilities

Health, Education, and Welfare,
Department of, 0802

Medical services

Army, Department of the, 0331
Health, Education, and Welfare,
Department of, 0776, 0779, 0781, 0791,
0814
Massachusetts Department of Public
Health, 1077
National Research Council, 1224
Pan American Health Organization, 1438
Research Triangle Institute, 1507
Southern West Virginia Regional Health
Council, Inc., 1632
See also Health services

Medical social work

Health, Education, and Welfare,
Department of, 0777
Los Angeles County-University of
Southern California Medical Center,
1017
Massachusetts Department of Public
Health, 1077
University of Maryland, 1919
Veterans Administration, 2135

Medical supplies

Air Force, Department of the, 0112
See also Dental materials; Eye glasses

Medical technologists

American Association of Bioanalysts, 0154
American Association of Ophthalmology,
0164
American Registry of Medical Assistants,
0258

Medical technology

Colorado State University, 0484
Loyola University, New Orleans, 1041
University of North Carolina at Chapel
Hill, 1989
University of Pennsylvania, 2001
See also Dental technology

SUBJECT INDEX

Medical technology education

Air Force, Department of the, 0112
 The American College of Radiology, 0185
 American Registry of Medical Assistants, 0258
 The American Society of Clinical Pathologists, 0273
 National Committee for Careers in the Medical Laboratory, 1201
 Northern New England Academy, Inc., 1350

Medical terminology

Association for Health Records, 0336

Medical writing

American Medical Writers Association, 0233
See also Biological writing

Medicinal plants

Agriculture, Department of, 0069
 Nebraska Department of Agriculture, 1254
 Saint John's University, 1531
 University of Minnesota, 1948
 University of Washington, 2079

Medicine

Academy of Medicine of New Jersey Library, 0002
 Air Force, Department of the, 0108, 0109
 Alabama Academy of Science, 0117
 Albert Einstein Medical Center, 0130
 American Association of Endodontists, 0158
 American Medical Association, 0225
 Army, Department of the, 0315, 0317, 0327, 0329, 0334
 Audio-Digest Foundation, 0357
 Bay-Arenac-Iosco Counties Medical Society, 0367
 Beekman-Downtown Hospital Library, 0371
 Berkshire Medical Center, 0374
 Blodgett Memorial Hospital Medical Library, 0382
 Bowman Gray School of Medicine, 0393
 Brookdale Hospital Center, 0398
 Brookhaven National Laboratory, 0400, 0402
 Brooklyn-Cumberland Medical Center, 0403
 Brown University, 0406
 Canal Zone Government, 0433
 Caylor-Nickel Clinic, 0445
 Cedars-Sinai Medical Center, 0447
 Center for Foreign Technology, 0448
 Children's Hospital Medical Center, 0458
 City of Hope National Medical Center, 0463
 Cleveland Health Sciences Library, 0468

College of Medicine and Dentistry of New Jersey at Newark, 0473
 College of Physicians of Philadelphia Library, 0474
 Council for Interdisciplinary Communication in Medicine, 0567
 Dartmouth College, 0581
 Defense, Department of, 0586
 Delaware Academy of Medicine, Inc. Library, 0589
 Denver Medical Society Library, 0595
 Duke University, 0622
 Farley Manning Associates, 0668
 Florida Department of Health and Rehabilitative Services, 0685
 Frederick C. Smith Clinic Library, 0701
 George Washington University, 0713
 Gorgas Memorial Institute of Tropical and Preventive Medicine, Inc., 0727
 Hahnemann Medical College and Hospital, 0743
 Hartford Medical Society Library, 0747
 Harvard University, 0752
 Hawaii Medical Library, Inc., 0760
 Health, Education, and Welfare, Department of, 0786, 0812, 0814
 Hertzler Research Foundation Library, 0818
 Houston Academy of Medicine--Texas Medical Center Library, 0828
 Idaho State University Library, 0839
 Indiana University, 0860, 0861
 Indiana University at Indianapolis, 0868
 Institute for Scientific Information, 0882
 The John Crerar Library, 0961
 Kansas City Public Library, 0972
 Kingsbrook Jewish Medical Center, 0992
 Lloyd Library and Museum, 1005
 Los Angeles County Medical Association Library, 1015
 Los Angeles County--University of Southern California Medical Center, 1017
 Los Angeles Public Library, 1018
 Louisiana State University, 1031
 Lovelace Foundation for Medical Education and Research, 1040
 Loyola University of Chicago, 1042
 Maine Medical Center, 1052
 Medical and Chirurgical Faculty of the State of Maryland Library, 1091
 Medical Library Center of New York, 1093
 Medical University of South Carolina, 1095
 Meharry Medical College Alumni Library, 1097
 The Wm. S. Merrell Co., 1103
 Michael Reese Hospital, 1107
 Milwaukee Academy of Medicine Library, 1133

Minnesota State Medical Association, 1144
 Mississippi State Medical Association, 1148
 Montefiore Hospital and Medical Center, 1163
 National Foundation, 1207
 National Research Council, 1224
 Navy, Department of the, 1237, 1240, 1243, 1251
 New York Academy of Medicine Library, 1290
 The New York Academy of Sciences, 1291
 New York Hospital--Cornell Medical Center, 1297
 New York State Department of Health, 1305
 New York State Medical Library, 1309
 Norfolk District Medical Society, 1319
 North Carolina State Board of Health, 1328
 Northwestern University, 1355
 Ohio Academy of Science, 1370
 Ohio State University, 1381
 Oklahoma Medical Research Foundation, 1397
 Palo Alto Medical Research Foundation Library, 1435
 Pfizer, Inc., 1457
 Pharmaco-Medical Documentation, 1459
 Polk County Medical Society, 1471
 Presbyterian Medical Center, 1477
 Rhode Island Medical Society Library, 1512
 Riverside Hospital, 1514
 Rutgers--The State University, 1528
 Saint Louis Medical Society and Saint Louis Society for Medical and Scientific Education, 1534
 Scott and White Memorial Hospital, Scott, Sherwood, and Brindley Foundation, and Scott and White Clinic, An Association, 1554
 Smithsonian Institution, 1583
 Southern Surgeons Club, 1630
 Stanford University, 1641
 Sterling Drug, Inc., 1661
 Stuart Co. Library, 1664
 Tennessee Valley Authority, 1677
 Texas Medical Association Memorial Library, 1696
 Toledo-Lucas County Public Library, 1705
 Travenol Laboratories, Inc., 1708
 Tufts University, 1710
 Tulane University, 1715
 University of Alabama, 1726
 University of Arkansas, 1747
 University of California, Irvine, 1772
 University of California, Los Angeles, 1773
 University of California, San Diego, 1789

University of California, San Francisco, 1797
 University of Colorado, 1809
 University of Connecticut, 1814
 University of Florida, 1830, 1832, 1846
 University of Kentucky, 1902
 University of Louisville, 1905
 University of Maryland, 1919
 University of Miami, 1936
 University of Michigan, 1941
 University of Minnesota, 1948, 1957
 University of Missouri at Kansas City, 1963
 University of North Carolina at Chapel Hill, 1989
 University of Oklahoma, 1993
 University of Oregon, 2000, 1997
 University of Pennsylvania, 2001, 2004, 2005
 University of Pittsburgh, 2014
 University of Rochester, 2034, 2035
 University of Texas at Dallas, 2052
 University of Texas at Houston, 2056
 University of Vermont, 2060
 University of Virginia, 2073
 University of Washington, 2084
 University of Wisconsin, 2096, 2101
 The Upjohn Co., 2110
 Veterans Administration, 2135, 2140
 Virginia Commonwealth University, 2145
 Washington State Library, 2167
 Wayne State University, 2181
 West Virginia University, 2190
 Westchester Academy of Medicine Library, 2195
 Yale University, 2227

Medicine--History
 Air Force, Department of the, 0105
 American College of Surgeons, 0188
 American Institute of the History of Pharmacy, 0221
 American Medical Association, 0225
 American Pharmaceutical Association Foundation, 0247
 American Psychiatric Association, 0252
 American Society of Hospital Pharmacists, 0275
 Army, Department of the, 0329, 0334
 Cedars-Sinai Medical Center, 0447
 College of Physicians of Philadelphia Library, 0474
 Duke University, 0622
 Friends of Historical Pharmacy, Inc., 0702
 Hartford Medical Society Library, 0747
 Harvard University, 0752
 Health, Education, and Welfare, Department of, 0814
 Hunter College, 0833
 Indiana University at Indianapolis, 0867
 Los Angeles County Medical Association Library, 1015
 Louisiana Department of Health, 1024

Medical and Chirurgical Faculty of the State of Maryland Library, 1091
 Medical University of South Carolina, 1095
 Michael Reese Hospital, 1107
 New York Academy of Medicine Library, 1290
 Rhode Island Medical Society Library, 1512
 Saint Louis College of Pharmacy, 1532
 Saint Louis Medical Society and Saint Louis Society for Medical and Scientific Education, 1534
 The Salk Institute, 1538
 Smithsonian Institution, 1564
 Stanford University, 1641
 University of Alabama, 1726
 University of California, Los Angeles, 1773
 University of California, San Francisco, 1797
 University of Louisville, 1905
 University of Michigan, 1941
 University of Minnesota, 1957
 University of Pennsylvania, 2008, 2013
 University of Rochester, 2034
 University of Texas at Houston, 2055
 University of Wisconsin, 2097, 2101
 Yale University, 2227

Membranes

University of Louisville, 1907

Menhaden

Commerce, Department of, 0510
See also Fishes

Mental deficiency

American Association on Mental Deficiency, 0168
 Health, Education, and Welfare, Department of, 0787, 0809
 The Jewish Guild for the Blind, 0959
 Johns Hopkins University, 0966
 National Association for Retarded Children, 1189
 President's Committee on Mental Retardation, 1478
 University of Wisconsin, 2101

Mental hygiene

American Medical Association, 0230
 American Mental Health Foundation, 0234
 American Orthopsychiatric Association, Inc., 0243
 American Public Health Association, 0255
 American Society of Adlerian Psychology, 0271
 Arizona Department of Health, 0297
 Group for the Advancement of Psychiatry, Inc., 0733
 Harvard University, 0752

Health, Education, and Welfare, Department of, 0785, 0787
 The Jewish Guild for the Blind, 0959
 Kentucky Department of Mental Health, 0989
 Kingsbrook Jewish Medical Center, 0992
 Nassau Psychiatric Society, 1179
 National Association for Mental Health, Inc., 1188
 New Mexico Health and Social Services Department, 1283
 New York Academy of Medicine Library, 1290
 Norwich Hospital, 1356
 Pan American Health Organization, 1438
 Scientific Literature Corp., 1551
 Texas Department of Health, 1692
 Washington State Department of Social and Health Services, 2165
See also Hygiene

Merchant mariners

Congress of the United States, 0545

Merchant ships

Congress of the United States, 0545

Merchant ships--Registers

Congress of the United States, 0545

Metabolic diseases

Adrenal Metabolic Research Society of the Hypoglycemia Foundation, Inc., 0006
 Air Force, Department of the, 0109
 Duke University, 0618
 Health, Education, and Welfare, Department of, 0808
 University of Michigan, 1937
See also Diabetes mellitus

Metabolism

Biosciences Information Service of Biological Abstracts, 0381
 Burke Rehabilitation Center, 0408
 Fats and Proteins Research Foundation, Inc., 0670
 Institute for Medical Research and Studies, 0879
 Purdue University, 1495
 University of North Dakota, 1990
 University of Pennsylvania, 2003
 University of Tennessee, 2044
 University of Texas at Austin, 2051
See also Animal metabolism; Digestion; Drug metabolism; Fats; Nutrition; Respiratory metabolism

Meteorology

American Institute of Aeronautics and Astronautics, 0215
 Arthur D. Little, Inc., 0335
 Colorado State University, 0484
 Cranbrook Institute of Science, 0572
 Duke University, 0616

SUBJECT INDEX

Explorers Club, 0662
Midwest Research Institute, 1126
National Research Council, 1225
National Science Foundation, 1229
Purdue University, 1497
Research Triangle Institute, 1507
Rutgers--The State University, 1524, 1529
South Dakota State University, 1613
Tennessee Valley Authority, 1680
The Travelers Research Center, Inc., 1707
University of Arizona, 1743
University of Hawaii, 1863
University of Kansas, 1893
University of Minnesota, 1957

Mice

The Jackson Laboratory, 0956, 0957
New Mexico Highlands University, 1286
See also Laboratory animals; Rodents

Microbiologists

American Society for Microbiology, 0265

Microbiology

Adelphi University, 0005
Agriculture, Department of, 0046, 0059
American Association of Bioanalysts, 0154
American Can Co., 0176
American Phytopathological Society, 0250
American Society for Microbiology, 0265
American Type Culture Collection, 0286
Arizona Department of Health, 0297
Arizona State University, 0303
Army, Department of the, 0315
Battelle Memorial Institute, 0364
Bio-Sciences Laboratories, 0377
Biosciences Information Service of
Biological Abstracts, 0381
Botanical Society of America, Inc., 0392
Brookhaven National Laboratory, 0402
Brown University, 0406
The Claremont Colleges, 0464
Colorado State University, 0481, 0484
Columbia University, 0498
Cornell University, 0561
Drake University, 0611
Economics Laboratory, Inc., 0632
Emory University, 0634, 0635
Environmental Protection Agency, 0656
Excerpta Medica Foundation, 0659
Glassboro State College, 0725
Gulf Coast Research Laboratory, 0736
Health, Education, and Welfare,
Department of, 0814
Illinois Department of Public Health, 0847
Indiana University, 0862
Institute for Medical Research, 0878
The Institute of Paper Chemistry, 0886
Long Island University, 1007
Louisiana Tech University, 1035
Mead Johnson and Co., 1088
The Wm. S. Merrell Co., 1103

Michigan Department of Public Health,
1114
Microbiological Associates, Inc., 1124
Midwest Research Institute, 1126
Nasson College, 1180
Navy, Department of the, 1252
The New York Academy of Sciences, 1291
New York State Department of Health,
1305
North Carolina State University at Raleigh,
1336
Northwestern University, 1353
Ohio State University, 1389
Public Health Research Institute of the
City of New York, Inc., 1482
Rutgers--The State University, 1525, 1527
Slippery Rock State College, 1563
Soil Science Society of America, 1597
Stanford University, 1641
State University of New York, 1645, 1653
Sunkist Growers, Inc., 1665
Syracuse University, 1666
Texas Woman's University, 1699
University of California, Los Angeles,
1773
University of California, Riverside, 1779
University of Delaware, 1824
University of Denver, 1827
University of Florida, 1829
University of Hartford, 1856
University of Hawaii, 1863
University of Kansas, 1893
University of Massachusetts, 1930
University of Montana, 1967
University of New Hampshire, 1979
University of Oklahoma, 1996
University of Pennsylvania, 2008
University of South Florida, 2040
University of Southwestern Louisiana,
2041
University of Tennessee, 2044
University of Texas at Arlington, 2049
University of Wisconsin, 2101
Virginia State College, 2156
Washington State Department of Social
and Health Services, 2165
World Life Research Institute, 2217
Wyoming Department of Health and Social
Services, 2220
Yale University, 2227
See also Aquatic microbiology; Bacteria;
Cultures (biology); Protozoa;
Pathogenic microorganisms; Soil
microbiology; Virology; Vibrio

Microclimatology

Agriculture, Department of, 0048
Michigan State University, 1121

Micrometeorology

Army, Department of the, 0314

Microorganism control (sewage)

Army, Department of the, 0315
University of Delaware, 1826
See also Sewage treatment

Microorganism control (water)

Army, Department of the, 0315
See also Water treatment

Micropaleontology

McLean Paleontological Laboratory, 1087
See also Paleontology

Microscopy

American Optical Corp., 0240
Battelle Memorial Institute, 0364
Biosciences Information Service of
Biological Abstracts, 0381
Eastern Washington State College, 0631
Georgetown University, 0715
Harvard University, 0749
See also Electron microscopy

Microwave equipment

Aerojet-General Corp., 0007

Migratory workers

Lubbock City-County Health Department,
1044

Military chemical agent effects

Army, Department of the, 0313

Military chemical agents

Army, Department of the, 0313, 0314,
0319

Military chemical operations

Army, Department of the, 0313, 0319,
0320
Committee for Environmental
Information, 0541
MSA Research Corp., 1171
See also CBR operations

Military hygiene

Air Force, Department of the, 0114
See also Hygiene

Military medicine

Air Force, Department of the, 0114
Army, Department of the, 0329, 0331
See also Injuries

Milk

American Association of Medical Milk
Commissions, Inc. and Certified Milk
Producers Association of America, Inc.,
0162

Evaporated Milk Association, 0658

Milk Industry Foundation, 1131

See also Dairy products

Milk industry

Milk Industry Foundation, 1131

- Mine safety**
 Mine Safety Appliances Co. Library, 1136
See also Industrial safety
- Mine ventilation**
 Mine Safety Appliances Co. Library, 1136
- Mine waters**
 Missouri Cooperative Fishery Unit, 1152
 Oceanic Research Institute, 1369
 Ohio River Valley Water Sanitation Commission, 1375
 Tennessee Valley Authority, 1679
 University of Kentucky, 1903
 West Virginia University, 2193
See also Water pollution
- Mites**
 Health, Education, and Welfare, Department of, 0807
 Smithsonian Institution, 1570
 University of California, Berkeley, 1756
See also Arachnida
- Molecular biology**
 Brookhaven National Laboratory, 0402
 Brown University, 0406
 City of Hope National Medical Center, 0463
 Florida State University, 0692
 Health, Education, and Welfare, Department of, 0814
 The Jackson Laboratory, 0956
 Johnson Memorial Hospital, 0968
 National Science Foundation, 1228
 North Carolina State University at Raleigh, 1335
 Princeton University, 1480
 Public Health Research Institute of the City of New York, Inc., 1482
 Stanford University, 1638
 State University of New York, 1653
 University of California, San Diego, 1789
 University of Miami, 1931
 University of Montana, 1967
See also Genetics; Cytology
- Molecular spectroscopy**
 Florida State University, 0692
- Mollusca**
 Academy of Natural Sciences of Philadelphia, 0003
 The American Malacological Union, Inc., 0223
 Columbia Science Museum, 0494
 Commerce, Department of, 0514, 0518
 Environmental Protection Agency, 0646
 Maine Department of Sea and Shore Fisheries, 1051
 Texas A&M University, 1687
 University of Alabama, 1727
 University of Michigan, 1944
 University of North Carolina, 1986
- See also* Seafood; Shellfish; Invertebrates; Oysters
- Mosses**
 Harvard University, 0751
 Index to Authors in Bryophyta and Index to Bryophyte Literature of Latin America, 0854
 New York Botanical Garden, 1292
 University of Cincinnati, 1803
 University of Wisconsin, 2091
See also Liverworts; Plants (botany)
- Motion pictures--Educational**
 George Washington University, 0713
 Northwestern State College of Louisiana, 1352
 Southeastern Louisiana University, 1618
- Motivation**
 Navy, Department of the, 1244
- Mountainous regions**
 University of Colorado, 1808
- Mouth (anatomy)**
 Agriculture, Department of, 0057
 University of Connecticut, 1816
See also Oral diseases
- Mudflow**
 Smithsonian Institution, 1574
- Muscidae**
 Northern Michigan University, 1349
See also Insects
- Muscular dystrophy**
 Kingsbrook Jewish Medical Center, 0992
See also Congenital abnormalities
- Musculoskeletal disorders**
 American Osteopathic Association, 0245
 Hospital for Special Surgery, 0827
 Institute for Muscle Disease, Inc. Library, 0880
See also Arthritis
- Musculoskeletal system**
 Creighton University, 0574
 Institute for Behavioral Research, Inc., 0875
 Institute for Muscle Disease, Inc. Library, 0880
 State University of New York, 1655
- Mutagens**
 Oak Ridge National Laboratory, 1360
- Mycobacterium leprae**
 Health, Education, and Welfare, Department of, 0774
See also Pathogenic microorganisms
- Mycotoxins**
 Agriculture, Department of, 0022, 0024, 0059
 Health, Education, and Welfare, Department of, 0770
 University of Wisconsin, 2090
 Vanderbilt University, 2123
See also Toxins
- Myriopoda**
 Smithsonian Institution, 1581
See also Arthropoda
- Narcotics**
 Cleveland Psychiatric Institute, 0470
 Colorado Department of Public Health, 0476
 Justice, Department of, 0969, 0970
 Narcotic Educational Foundation of America, 1178
 New York City Office of the Chief Medical Examiner, 1294
 New York State Department of Health, 1302
 Portland (Oreg.) Police Crime Laboratory, 1474
See also Drug addiction; Psychotropic drugs
- National parks**
 Agriculture, Department of, 0072, 0073, 0074, 0075, 0076, 0077, 0078, 0079
 Interior, Department of the, 0919, 0924
 Sierra Club, 1561
 State University of New York, 1648
See also Parks
- Natural history**
 Academy of Science of St. Louis, 0004
 Buffalo Museum of Science, 0407
 California Academy of Sciences, 0410
 Chicago Academy of Sciences, 0453
 Cleveland Museum of Natural History, 0469
 Explorers Club, 0662
 Interior, Department of the, 0919, 0921, 0922
 Kingman Museum of Natural History, 0991
 Los Angeles County Museum of Natural History, 1016
 Maryland Ornithological Society, 1068
 Museum of Northern Arizona, 1172
 Museum of Science and Space Transit Planetarium, 1174
 Museum of Science (Boston), 1176
 New Hampshire Audubon Nature Center, 1267
 North Carolina Museum of Natural History, 1327
 Pacific Grove Museum of Natural History, 1430

SUBJECT INDEX

Santa Barbara Museum of Natural History, 1547
 Sequoia Natural History Association, 1557
 Smithsonian Institution, 1582
 Southern Illinois University, 1622
 Staten Island Institute of Arts and Sciences, 1658
 University of Nevada, 1972
 University of Oklahoma, 1996

Natural resources

Alaska Department of Natural Resources, 0127
 American Forestry Association, 0204
 Colorado State University, 0492
 Connecticut Department of Agriculture and Natural Resources, 0550
 Executive Office of the President, 0660
 Georgia Institute of Technology, 0723
 Indiana Department of Natural Resources, 0859
 Interior, Department of the, 0887, 0924
 International Remote Sensing Institute, 0935
 The Izaak Walton League of America, 0955
 Maryland Department of Natural Resources, 1065
 Ohio State University, 1376
 Oregon Natural Resources Planning Committee, 1408
 Pennsylvania Department of Environmental Resources, 1446
 Sierra Club, 1561
 Soil Conservation Society of America, 1596
 South Carolina Department of Agriculture, 1600
 University of Maine, 1909
 University of Maryland, 1915
 University of Massachusetts, 1930
 University of Nevada, 1977
 University of New Hampshire, 1981, 1982
 University of Rhode Island, 2030, 2031
 Utah State University, 2121
 Vermont State Natural Resources Conservation Council, 2131
 Washington State University, 2170

Nematocides

Agriculture, Department of, 0046
See also Pesticides

Nematoda

Agriculture, Department of, 0053, 0069
 American Phytopathological Society, 0250
 Arizona Commission of Agriculture and Horticulture, 0296
 University of California, Berkeley, 1760
 University of California, Riverside, 1785
 University of Maryland, 1917
 University of Rhode Island, 2026

Virginia Polytechnic Institute and State University, 2153

See also Invertebrates

Nematode control

Agriculture, Department of, 0046

Neoplasms

American Medical Center at Denver, 0231
 Biosciences Information Service of Biological Abstracts, 0381
 Columbia University, 0498
 Smithsonian Institution, 1568
 Southern Research Institute, 1629
 University of Florida, 1829
 University of Miami, 1931
 University of Notre Dame, 1991
 University of Tennessee, 2044
 Vermont Department of Health, 2126
 Veterans Administration, 2132
See also Antineoplastic agents; Malignant neoplasms; Viral neoplasms

Nervous system

Cleveland Psychiatric Institute, 0470
 New York State Psychiatric Institute, 1311
 University of California, Los Angeles, 1778
See also Brain; Ganglia; Spinal cord

Nervous system disorders

American Epilepsy Society, 0200
 Creedmoor Institute for Psychobiologic Studies, 0573
 Health, Education, and Welfare, Department of, 0813
 Kingsbrook Jewish Medical Center, 0993
 University of Vermont, 2063
See also Auditory defects; Eye diseases; Paralysis; Poliomyelitis; Speech disorders

Neurology

Academy of Medicine of New Jersey Library, 0002
 American Association for Rehabilitation Therapy, Inc., 0151
 California Department of Mental Hygiene, 0414
 Cleveland Psychiatric Institute, 0470
 Columbia University, 0498
 Congress of Neurological Surgeons, Inc., 0543
 Duke University, 0618, 0619
 Excerpta Medica Foundation, 0659
 Health, Education, and Welfare, Department of, 0786
 Kingsbrook Jewish Medical Center, 0993
 Medical and Chirurgical Faculty of the State of Maryland Library, 1091
 New Jersey Bureau of Research in Neurology and Psychiatry, 1276

New York State Psychiatric Institute, 1311, 1312
 Norwich Hospital, 1356
 Pacific Medical Center, 1432
 The Salk Institute, 1538
 University of California, Los Angeles, 1778
 University of Missouri at St. Louis, 1965
 University of Pittsburgh, 2019
 University of Virginia, 2073
 Veterans Administration, 2140

Neuropharmacology

University of California, Los Angeles, 1778
See also Psychotropic drugs

Nicotine

Health, Education, and Welfare, Department of, 0790
See also Alkaloids

Nicotinism

Agriculture, Department of, 0069
 Alabama Department of Public Health, 0120
 Battelle Memorial Institute, 0365
 Council for Tobacco Research--U.S.A., 0568
 Health, Education, and Welfare, Department of, 0790
 Roswell Park Memorial Institute, 1519
 University of Kentucky, 1901

Nitrogen fixation

Charles F. Kettering Foundation, 0451

Noise reduction

Columbia University, 0500
 Illinois Institute of Technology, 0849

Noise (sound)

American Industrial Hygiene Association, 0214
 American Medical Association, 0227
 Committee for Environmental Information, 0541
 Detroit Department of Health, 0601
 Institute of Environmental Sciences, 0884
 Oceanic Research Institute, 1369
See also Pollution; Sonic boom

Nuclear explosion effects

Air Force, Department of the, 0108
 Army, Department of the, 0318
 Committee for Environmental Information, 0541
 Institute of Environmental Sciences, 0884
 University of California, Berkeley, 1762
See also Weapons effects

Nuclear reactor safety

Oak Ridge National Laboratory, 1363

See also Radiation safety

Nurses

American Nurses' Association, 0236
Health, Education, and Welfare,
Department of, 0797
Hunter College, 0833
National League for Nursing, Inc., 1212
New Mexico Nurses' Association, 1287
See also Medical personnel

Nursing

Air Force, Department of the, 0109, 0112
American Association of Industrial Nurses,
Inc., 0161
American Journal of Nursing Co., 0222
American Nurses' Association, 0236
American Nurses' Foundation, Inc., 0237
American Psychiatric Association, 0252
American Public Health Association, 0255
Army, Department of the, 0329
Berkshire Medical Center, 0374
California Department of Mental Hygiene,
0414
Cleveland Health Sciences Library, 0468
Duke University, 0622
Health and Hospital Corp. of Marion
County, Ind., 0764
Health, Education, and Welfare,
Department of, 0777, 0785, 0786, 0797
Houston Academy of Medicine--Texas
Medical Center Library, 0828
Hunter College, 0833
Idaho State University Library, 0839
Indiana University at Indianapolis, 0868
Linda Hall Library, 1004
Los Angeles County--University of
Southern California Medical Center,
1017
Louisiana State University, 1031
Massachusetts Department of Public
Health, 1077
Medical Library Center of New York,
1093
Medical University of South Carolina,
1095
Michigan Department of Public Health,
1114
Montefiore Hospital and Medical Center,
1163
National League for Nursing, Inc., 1212
New York Academy of Medicine Library,
1290
New York State Medical Library, 1309
New York State Psychiatric Institute, 1312
New York University, 1314
Ohio State University, 1381
Presbyterian Medical Center, 1477
Texas Department of Health, 1692
University of Alabama, 1726
University of Arkansas, 1747
University of California, Los Angeles,
1773

University of Colorado, 1809
University of Florida, 1846
University of Hawaii, 1863
University of Kentucky, 1902
University of Maryland, 1919
University of Michigan, 1941
University of Minnesota, 1957
University of Missouri at Kansas City, 1964
University of Nevada, 1976
University of North Carolina at Chapel
Hill, 1989
University of Pennsylvania, 2013
University of Pittsburgh, 2014
University of Rochester, 2034
University of Texas at Houston, 2056
University of Virginia, 2073
University of Washington, 2084
University of Wisconsin, 2101
Vermont Department of Health, 2126
Veterans Administration, 2135
Virginia Commonwealth University, 2145
Washington State Department of Social
and Health Services, 2165
Wayne State University, 2180
Westchester Academy of Medicine
Library, 2195
Yale University, 2227

Nursing education

American Journal of Nursing Co., 0222
Health, Education, and Welfare,
Department of, 0797
Hunter College, 0833
National League for Nursing, Inc., 1212
New Mexico Nurses' Association, 1287

Nursing homes

American Association for Rehabilitation
Therapy, Inc., 0151
Colorado Department of Public Health,
0476
Health, Education, and Welfare,
Department of, 0778
Texas Department of Health, 1692
See also Medical facilities

Nutrients

Meals for Millions Foundation, 1089
See also Proteins; Carbohydrates; Fats;
Sugars; Starches; Trace elements;
Vitamins

Nutrition

African Medical and Research
Foundation, Inc., 0010
Agriculture, Department of, 0013, 0018,
0066, 0069, 0099
American Institute of Baking, 0216
American Meat Institute Foundation, 0224
American Medical Association, 0228
American Public Health Association, 0255
Army, Department of the, 0324

Biosciences Information Service of
Biological Abstracts, 0381
California Department of Public Health,
0415
Carnation Co., 0435
Carver Research Foundation of Tuskegee
Institute, 0441
Colorado State University, 0484
Commerce, Department of, 0528
Congress of the United States, 0544
Cornell University, 0555, 0561
Dairy Council of the Twin Cities, 0578
General Foods Corp., 0709
Health, Education, and Welfare,
Department of, 0772, 0777, 0814
Institute of Food Technologists, 0885
Los Angeles Public Library, 1018
Louisiana State University, 1029
Maine Department of Health and Welfare,
1048
Marine Chemurgics, Inc., 1057
Massachusetts Institute of Technology,
1085
Mead Johnson and Co., 1088
Michigan Department of Public Health,
1114
National Research Council, 1220
Navy, Department of the, 1249
Nutrition Foundation, Inc., 1357
Oklahoma Medical Research Foundation,
1397
Oregon State University, 1418
Pan American Health Organization, 1438
Ralston Purina Co., 1504
San Diego County Department of Public
Health, 1543
Stuart Co. Library, 1664
Texas A&M University, 1688
United Fresh Fruit and Vegetable
Association Library, 1717
University of Arizona, 1735
University of California, San Francisco,
1796
University of Connecticut, 1818
University of Denver, 1827
University of Hawaii, 1859
University of Kentucky, 1901
University of Maryland, 1920
University of Notre Dame, 1991
University of Rochester, 2033
Vermont Dietetic Association, 2128
Veterans Administration, 2135
Virginia Council on Health and Medical
Care, 2146
See also Animal nutrition; Fish protein
concentrates; Food; Metabolism

Nuts (fruits)
Agriculture, Department of, 0065
American Society for Horticultural
Science, 0264

SUBJECT INDEX

Dried Fruit Association of California, 0614
University of Arizona, 1737
University of Florida, 1836
See also Agricultural products; Plants (botany)

Nyong nyong fever

African Medical and Research Foundation, Inc., 0010

Obstetrics

Air Force, Department of the, 0109
Audio-Digest Foundation, 0357
Columbia University, 0498
Excerpta Medica Foundation, 0659
University of Miami, 1934
Yale University, 2227
See also Pregnancy; Psychoprophylaxis

Occupational diseases

Detroit Department of Health, 0601
Industrial Health Foundation, Inc., 0870
Los Angeles County Health Department, 1014
Massachusetts Department of Labor and Industries, 1073
Montana Industrial Accident Board, 1161
Pennsylvania Department of Environmental Resources, 1443
South Dakota Department of Health, 1608
See also Industrial medicine

Occupational therapy

Air Force, Department of the, 0109
American Association for Rehabilitation Therapy, Inc., 0151
American Occupational Therapy Association, 0238
Health, Education, and Welfare, Department of, 0777
University of Pennsylvania, 2001
University of Wisconsin, 2101
See also Physical therapy

Ocean bottom

East Carolina University, 0627
New England Marine Resources Information Program, 1265

Ocean currents

Commerce, Department of, 0507

Oceanographers

American Society for Oceanography, 0267
Executive Office of the President, 0661

Oceanographic instrumentation

Commerce, Department of, 0513

Oceanographic vehicles

Executive Office of the President, 0661
See also Deep ocean vehicles; Marine engineering

Oceanography

American Society for Oceanography, 0267
American Society of Limnology and Oceanography, 0277
Aquatic Research Institute, 0294
Battelle Memorial Institute, 0366
Commerce, Department of, 0508, 0512, 0513, 0516, 0518
Defense, Department of, 0586
Duke University, 0621
East Carolina University, 0626
Environmental Protection Agency, 0654, 0655, 0657
Executive Office of the President, 0660, 0661
Florida Department of Natural Resources, 0688
Florida State University, 0691
Gulf South Research Institute, 0740
Harvard University, 0756
International Oceanographic Foundation, 0932
Lehigh University, 0998
Los Angeles Public Library, 1018
Marine Biological Laboratory Library, 1056
Moss Landing Marine Laboratories, 1166
National Science Foundation, 1229
Navy, Department of the, 1246
New England Marine Resources Information Program, 1265
New York Zoological Society, 1317
Oceanic Research Institute, 1369
Oregon State University, 1419
Plains Cotton Growers, Inc., 1470
Puerto Penasco Marine Research Laboratory, 1484
Research Triangle Institute, 1507
Skidaway Institute of Oceanography Library, 1562
Smithsonian Institution, 1574, 1575, 1580
The Travelers Research Center, Inc., 1707
University of Alabama, 1728
University of California, San Diego, 1790
University of Delaware, 1825
University of Hawaii, 1860
University of Miami, 1933
University of Puerto Rico, 2021
University of Rhode Island, 2028
University of South Carolina, 2037
University of Texas, 2048
University of Washington, 2078, 2084
Virginia Institute of Marine Science, 2149

Oceanography education

American Society for Oceanography, 0267

Odonata

University of Michigan, 1944
See also Insects

Oil spills

Oceanic Research Institute, 1369
University of California, Santa Barbara, 1799
See also Water pollution

Oilseeds

Agriculture, Department of, 0044, 0057, 0065
Oregon State University, 1412
See also Vegetable oils; Seeds

Ophthalmology

Air Force, Department of the, 0109
American Association of Ophthalmology, 0164
American Optical Corp., 0240
Audio-Digest Foundation, 0357
Columbia University, 0498
Dartmouth College, 0581
Duke University, 0618
Excerpta Medica Foundation, 0659
Eye Research, Inc., 0663
Medical and Chirurgical Faculty of the State of Maryland Library, 1091
Ohio State University, 1381, 1388
Pacific Medical Center, 1432
Stanford University, 1641
University of California, San Francisco, 1795
Washington University, St. Louis, 2175
Wills Eye Hospital and Research Institute, 2206
Yale University, 2227
See also Eye diseases

Opticians

Guild of Prescription Opticians of America, Inc., 0734
See also Medical personnel

Optometry

American Academy of Optometry, 0142
American Optometric Association, 0241
Los Angeles College of Optometry Library, 1011
New England Council of Optometrists, 1262
Ohio State University, 1381, 1388
University of California, Berkeley, 1754, 1758

Oral diseases

American Academy of Oral Pathology, 0143
American Association of Endodontists, 0158
International Association for Dental Research, 0926
Tufts University, 1710
University of Maryland, 1924
Veterans Administration, 2140

See also Dentistry; Mouth (anatomy)

Oral hygiene

Alabama Department of Public Health, 0120
California Department of Public Health, 0415
Health, Education, and Welfare, Department of, 0777, 0795
Idaho State University Library, 0839
Illinois Department of Public Health, 0844
Indiana University at Indianapolis, 0867
Oregon State Board of Health, 1409
Pan American Health Organization, 1438
Texas Department of Health, 1692
See also Hygiene

Organic chemistry

Charles F. Kettering Foundation, 0451
Diamond Shamrock Chemical Co., 0603
The Institute of Paper Chemistry, 0886
Mead Johnson and Co., 1088
The Wm. S. Merrell Co., 1103
Nasson College, 1180
New York Botanical Garden, 1292
Pfizer, Inc., 1457
Research Triangle Institute, 1507
Rutgers--The State University, 1528
Shippensburg State College, 1560
Southwestern State College, 1634
Worcester Foundation for Experimental Biology, 2215

Organic coatings

American Can Co., 0176

Organic compounds

Carnegie-Mellon University, 0439

Organometallic compounds

The Claremont Colleges, 0464
The New York Academy of Sciences, 1291

Ornamental plants

Agriculture, Department of, 0069
American Association of Nurserymen, Inc., 0163
American Horticultural Society, 0211
American Society for Horticultural Science, 0264
Descanso Gardens, 0599
George Landis Arboretum, 0712
Horticultural Society of New York, Inc., 0826
Iowa State University of Science and Technology, 0949
Los Angeles State and County Arboretum, 1019
Pennsylvania Horticultural Society Library, 1449
Phipps Conservatory, 1465
University of California, Riverside, 1781
University of Connecticut, 1818
University of Georgia, 1849

University of Illinois, 1877
University of Rhode Island, 2031
See also Plants (botany)

Orthopedics

Air Force, Department of the, 0109
American Board for Certification in Orthotics and Prosthetics, Inc., 0171
American College of Foot Orthopedists, 0182
Army, Department of the, 0333
Columbia University, 0498
Hospital for Special Surgery, 0827
Kingsbrook Jewish Medical Center, 0992, 0993

Orthoptera

Biological Society of Nevada, 0378
University of Michigan, 1944
See also Insects

Orthoptists

American Orthoptic Council, 0244
See also Medical personnel

Orthotists

American Board for Certification in Orthotics and Prosthetics, Inc., 0171
See also Medical personnel

Osteopathy

American Academy of Osteopathy, 0144
American College of Osteopathic Internists, 0183
American College of Osteopathic Pediatricians, 0184
American Osteopathic Association, 0245
Chicago College of Osteopathic Medicine Library, 0454

Otorhinolaryngology

Air Force, Department of the, 0109
Audio-Digest Foundation, 0357
Excerpta Medica Foundation, 0659
Stanford University, 1641
Yale University, 2227

Overpopulation

Health, Education, and Welfare, Department of, 0810
See also Population growth

Oysters

Commerce, Department of, 0515
Pacific Coast Oyster Growers Association, 1429
University of Maryland, 1915
See also Mollusca; Seafood; Shellfish

Pacific salmon

Oregon Fish Commission, 1405

Packaged sewage plants

National Sanitation Foundation, 1227
See also Sewage treatment

Paleobotany

Botanical Society of America, Inc., 0392
Museum of Petrified Wood, 1173
New York Botanical Garden, 1292
State University of New York, 1653
University of California, Davis, 1766
University of Colorado, 1812
University of Illinois, 1876
See also Botany

Paleontology

Academy of Natural Sciences of Philadelphia, 0003
The American Museum of Natural History, 0235
California Academy of Sciences, 0411
Carnegie Museum, 0440
Central Washington State College, 0450
The Claremont Colleges, 0464
Columbia Science Museum, 0494
Dayton Museum of Natural History, 0583
Explorers Club, 0662
Field Museum of Natural History, 0676
Fort Worth Museum of Science and History, 0699
Harvard University, 0756
Idaho State University Library, 0839
Los Angeles County Museum of Natural History, 1016
Louisiana State University, 1033
McLean Paleontological Laboratory, 1087
Museum of Petrified Wood, 1173
Museum of Science (Boston), 1175
Paleontological Research Institution, 1434
Sam Houston State University, 1540
Smithsonian Institution, 1569, 1582
Southern California Academy of Sciences, 1620
Toledo-Lucas County Public Library, 1705
University of Colorado, 1812
University of Kansas, 1889
University of Michigan, 1943
University of Minnesota, 1955
University of Oregon, 2000
See also Geology; Micropaleontology; Vertebrate paleontology

Palynology

American Association of Stratigraphic Palynologists, 0166
Harvard University, 0748
University of Oklahoma, 1994
See also Ferns

Paralysis

Eastern Paralyzed Veterans Association, 0630
See also Nervous system disorders

Paramedical sciences

Berkshire Medical Center, 0374
Hartford Medical Society Library, 0747

SUBJECT INDEX

Health, Education, and Welfare,
Department of, 0814

Parasites

Agriculture, Department of, 0058, 0069,
0099

Interior, Department of the, 0898

Ohio State University, 1385

University of Nevada, 1977

Virginia Polytechnic Institute and State
University, 2153

See also Marine parasites

Parasites of marine organisms

Marineland Research Laboratory, 1059

Texas A&M University, 1687

University of Rhode Island, 2027

Western Kentucky University, 2198

Parasitic diseases

Pan American Health Organization, 1437

Puerto Rico Department of Health, 1487

University of California, San Francisco,
1796

See also Schistosomiasis; Trypanosomiasis

Parasitology

Agriculture, Department of, 0059, 0060

American Phytopathological Society, 0250

Biosciences Information Service of

Biological Abstracts, 0381

Boston University, 0389

Colorado Department of Public Health,
0476

Colorado State University, 0481

East Tennessee State University, 0628

Eastern Washington State College, 0631

Excerpta Medica Foundation, 0659

Health, Education, and Welfare,
Department of, 0814

Minnesota Department of Conservation,
1139

Navy, Department of the, 1243, 1252

Ohio State University, 1379, 1389

University of California, Berkeley, 1756

University of California, Los Angeles,
1775

University of Florida, 1829

University of Notre Dame, 1991

University of Pennsylvania, 2002

Parent child relations

Children's Hospital Medical Center, 0458

Parenteral infusions

Travenol Laboratories, Inc., 1708

Parks

Agriculture, Department of, 0070

Illinois Department of Conservation, 0843

Massachusetts Department of Natural
Resources, 1075

Michigan Forestry and Park Association,
1116

Monroe County (N.Y.) Department of
Parks, 1155

Nebraska Game and Parks Commission,
1256

New Jersey Department of Environmental
Protection, 1281

Ohio State University, 1387

Pennsylvania Department of
Environmental Resources, 1446

Texas Parks and Wildlife Department,
1697

See also Ecological preserves; National
parks; Public land; Recreation

Particles (in the lungs)

Battelle Memorial Institute, 0365

University of Hawaii, 1861

See also Respiratory diseases

Pathogenic microorganisms

Agriculture, Department of, 0069

Army, Department of the, 0314, 0315

Eastern Washington State College, 0631

Health, Education, and Welfare,
Department of, 0806

North Carolina State University at Raleigh,
1335

University of California, Berkeley, 1764

University of California, San Francisco,
1796

University of Montana, 1967

University of Pennsylvania, 2009

University of Vermont, 2061

Virginia State College, 2156

See also Microbiology; Mycobacterium
leprae; Rickettsia

Pathology

Air Force, Department of the, 0109

Albany College of Pharmacy, 0128

Army, Department of the, 0315

Beekman-Downtown Hospital Library,
0371

Biosciences Information Service of
Biological Abstracts, 0381

Bluefield Sanitarium Clinic Laboratory,
0384

Brown University, 0406

Columbia University, 0498

Defense, Department of, 0584, 0585

District of Columbia Department of
Human Resources, 0605

Duke University, 0618

E. I. du Pont de Nemours and Co., Inc.,
0624

Health, Education, and Welfare,
Department of, 0814

Hertzler Research Foundation Library,
0818

Idaho Department of Health, 0836

Indiana University, 0861

Los Angeles County-University of
Southern California Medical Center,
1017

Louisiana State University, 1032

Maine Department of Health and Welfare,
1048

Maryland Department of Health and
Mental Hygiene, 1060

Medical and Chirurgical Faculty of the
State of Maryland Library, 1091

The Wm. S. Merrell Co., 1103

Michigan State University, 1120

Milton Helpen Library of Legal Medicine,
1132

National Foundation, 1207

New Mexico Health and Social Services
Department, 1283

New York Academy of Medicine Library,
1290

New York State Department of Health,
1305, 1306

New York State Psychiatric Institute, 1311

Oregon State Board of Health, 1409

Pfizer, Inc., 1457

Pharmacology Research, Inc., 1460

Puerto Rico Department of Health, 1486

San Diego County Department of Public
Health, 1543

South Carolina State Board of Health,
1602

South Dakota Department of Health, 1607

University of California, Berkeley, 1764

University of Cincinnati, 1805

University of Pennsylvania, 2008

University of Tennessee, 2044

University of Texas at Houston, 2056

University of Wisconsin, 2101

Yale University, 2227

See also Serology

Pediatrics

American Academy of Pediatrics, 0145

American College of Osteopathic
Pediatricians, 0184

Audio-Digest Foundation, 0357

California Department of Public Health,
0415

Children's Hospital Medical Center, 0458

Children's Hospital of Philadelphia, 0459

Children's Hospital Research Foundation,
0460

Columbia University, 0498

Duke University, 0618

Johns Hopkins University, 0966

Kingsbrook Jewish Medical Center, 0993

Mead Johnson and Co., 1088

National Cystic Fibrosis Research
Foundation, 1205

Ohio State University, 1378

University of Louisville, 1906

Washington University, St. Louis, 2176

SUBJECT INDEX

- Yale University, 2227
See also Growth
- Periodontics**
 Air Force, Department of the, 0109
See also Dentistry
- Personality**
 Columbia University, 0499
 New Jersey Bureau of Research in
 Neurology and Psychiatry, 1276
- Pest control**
 Agriculture, Department of, 0045, 0069,
 0084, 0085, 0086, 0087, 0088, 0089,
 0090, 0091, 0095, 0097, 0098
 Arizona Commission of Agriculture and
 Horticulture, 0296
 Army, Department of the, 0332
 Biosciences Information Service of
 Biological Abstracts, 0381
 California Department of Public Health,
 0415
 Defense, Department of, 0587
 General Sanitation Co., 0710
 Hawaii Department of Agriculture, 0757
 Idaho Department of Agriculture, 0835
 Interior, Department of the, 0898, 0901,
 0919
 Massachusetts Department of Agriculture,
 1072
 Nevada Department of Agriculture, 1258
 New Hampshire Pesticides Control Board,
 1274
 New Mexico Health and Social Services
 Department, 1283
 New Mexico State University, 1289
 New York State Agricultural Experiment
 Station, Geneva, 1299
 New York State Department of Health,
 1303
 North Carolina State University at Raleigh,
 1335
 Rutgers--The State University, 1526
 University of California, Berkeley, 1753
 University of California, Riverside, 1779,
 1780, 1785
See also Biological control; Insect control;
 Predator control; Rodent control; Sea
 lamprey control; Vector control; Weed
 control
- Pesticides**
 Agriculture, Department of, 0019, 0064,
 0099
 Alaska Department of Environmental
 Conservation, 0123
 American Chemical Society, 0179
 American Phytopathological Society, 0250
 Auburn University, 0356
 Colorado Department of Agriculture, 0475
 Colorado Department of Public Health,
 0476
 Commerce, Department of, 0508, 0509
 Committee for Environmental
 Information, 0541
 Denver Public Library, 0597
 Environmental Protection Agency, 0642,
 0643, 0646, 0649
 Florida Department of Health and
 Rehabilitative Services, 0683
 Fulton County (Ga.) Health Department,
 0704
 Gulf Coast Research Laboratory, 0737
 Gulf South Research Institute, 0738
 Hawaii Department of Agriculture, 0757
 Health, Education, and Welfare,
 Department of, 0765
 Idaho Department of Health, 0837
 Interior, Department of the, 0902, 0908
 Lakeside Laboratories, 0996
 Los Angeles County Health Department,
 1013
 Louisiana Cooperative Wildlife Research
 Unit, 1020
 Louisiana Department of Agriculture,
 1021, 1022
 Louisiana Tech University, 1035
 Massachusetts Cooperative Wildlife
 Research Unit, 1071
 Massachusetts Department of Public
 Health, 1082
 Medical University of South Carolina,
 1096
 Memphis and Shelby County Health
 Department, 1098
 National Agricultural Chemicals
 Association, 1187
 National Research Council, 1219
 New Hampshire Pesticides Control Board,
 1274
 New York Scientists' Committee for Public
 Information, Inc., 1298
 New York State Department of
 Environmental Conservation, 1301
 New York State Department of Health,
 1304
 North Dakota State Laboratories
 Department, 1342
 Oceanic Research Institute, 1369
 Oklahoma Department of Health, 1395
 Pan American Health Organization, 1437
 Purdue University, 1495
 Scientists' Institute for Public Information,
 1553
 Southern Connecticut State College, 1621
 State University of New York, 1647
 University of Cincinnati, 1804
 University of Florida, 1837
 University of Georgia, 1855
 University of Hawaii, 1858, 1861
 University of Kentucky, 1901
 University of New Hampshire, 1979
 University of Rhode Island, 2031
 University of Washington, 2077
 Washington State Department of
 Agriculture, 2163
See also Fungicides; Herbicides;
 Insecticides; Larvicides; Nematocides
- Petrified wood**
 Museum of Petrified Wood, 1173
See also Wood
- Petrochemistry**
 Southern Research Institute, 1629
- Pharmacists**
 Delaware Department of Health and Social
 Services, 0590
 Michigan State Pharmaceutical
 Association, 1117
 Oregon State Board of Pharmacy, 1410
See also Medical personnel
- Pharmacognosy**
 Butler University, 0409
 Lloyd Library and Museum, 1005
 Medical University of South Carolina,
 1094
 Ohio State University, 1386
 Philadelphia College of Pharmacy and
 Science, 1461
 Southwestern State College, 1634
 University of Connecticut, 1817
 University of Georgia, 1855
 University of Minnesota, 1948
 University of Mississippi, 1960
 University of Montana, 1969
 University of New Mexico, 1984
 University of Oklahoma, 1995
 University of Pittsburgh, 2018
 University of Washington, 2079
 University of Wisconsin, 2097
 University of Wyoming, 2107
 West Virginia University, 2192
 Xavier University of Louisiana, 2223
See also Alkaloids; Medical plants;
 Poisonous plants
- Pharmacology**
 Air Force, Department of the, 0108, 0111
 Albany Medical College, 0129
 American Institute of Homeopathy, 0220
 American Medical Association, 0226
 American Pharmaceutical Association
 Foundation, 0246, 0247
 American Society of Hospital Pharmacists,
 0275
 Auburn University, 0355
 Battelle Memorial Institute, 0364
 Biosciences Information Service of
 Biological Abstracts, 0381
 Brown University, 0406
 Butler University, 0409
 Cedars-Sinai Medical Center, 0447
 Clinical Pharmacology Research Institute,
 0471
 Columbia University, 0495, 0496, 0498

SUBJECT INDEX

- Creighton University, 0574
 Dartmouth College, 0582
 Duke University, 0618, 0619
 Emory University, 0634
 Excerpta Medica Foundation, 0659
 Ferris State College, 0673
 Florida A&M University, 0678
 George Washington University, 0714
 Georgetown University, 0716
 Hahnemann Medical College and Hospital, 0742
 Health, Education, and Welfare, Department of, 0783, 0799, 0814
 Institute for Scientific Information, 0882
 International Society on Toxinology, 0936
 The John Crerar Library, 0961
 Lilly Research Laboratories, 1003
 Long Island University, 1008, 1009
 Loyola University of Chicago, 1043
 Maryland Department of Health and Mental Hygiene, 1060
 Mason Research Institute, 1069
 Massachusetts College of Pharmacy, 1070
 Mead Johnson and Co., 1088
 Mercer University, 1100
 The Wm. S. Merrell Co., 1103
 Midwest Research Institute, 1126
 Miles Laboratories Inc. Library, 1129
 Montefiore Hospital and Medical Center, 1163
 New York Academy of Medicine Library, 1290
 New York State Medical Library, 1309
 Norwich Hospital, 1356
 Ohio State University, 1380, 1386
 Oklahoma Medical Research Foundation, 1397
 Oregon State University, 1423
 Pfizer, Inc., 1457
 Pharmaco-Medical Documentation, 1459
 Pharmacology Research, Inc., 1460
 Philadelphia College of Pharmacy and Science, 1461, 1462
 Purdue University, 1493, 1495
 Research Triangle Institute, 1507
 Saint John's University, 1531
 Sandoz-Wander, Inc. Library, 1545
 Southern Research Institute, 1629
 Southwestern State College, 1634
 State University of New York, 1655, 1656
 Sterling Drug, Inc., 1661, 1662
 Stuart Co. Library, 1664
 Temple University, 1671
 Today Co., 1703
 Tulane University, 1714, 1715
 University of Alabama, 1724
 University of Arkansas, 1745
 University of California, Riverside, 1779
 University of Colorado, 1811
 University of Connecticut, 1817
 University of Florida, 1831
 University of Georgia, 1855
 University of Hawaii, 1861
 University of Illinois, 1875
 University of Iowa, 1883
 University of Kansas, 1891, 1892
 University of Louisville, 1907
 University of Miami, 1935
 University of Minnesota, 1948
 University of Mississippi, 1959, 1960
 University of Missouri at St. Louis, 1965
 University of Montana, 1969
 University of New Mexico, 1984
 University of North Carolina at Chapel Hill, 1989
 University of Oklahoma, 1995
 University of Pittsburgh, 2017
 University of Rhode Island, 2029
 University of Rochester, 2033
 University of San Francisco, 2036
 University of Texas at Galveston, 2054
 University of the Pacific, 2058
 University of Vermont, 2062
 University of Wisconsin, 2097
 University of Wyoming, 2107
 USC, Inc., 2111
 Warner-Lambert Research Institute Library, 2161
 Washington State University, 2168
 Wayne State University, 2179
 West Virginia University, 2192
 Worcester Foundation for Experimental Biology, 2215
 Xavier University of Louisiana, 2223
 Yale University, 2227
See also Drugs; Neuropharmacology; Psychopharmacology
- Pharmacy**
 Air Force, Department of the, 0112
 Albany College of Pharmacy, 0128
 American Institute of the History of Pharmacy, 0221
 American Pharmaceutical Association Foundation, 0246, 0247
 American Society of Hospital Pharmacists, 0275
 Auburn University, 0355
 Butler University, 0409
 Columbia University, 0495, 0496
 Drake University, 0610
 Ferris State College, 0673
 Florida A&M University, 0678
 Idaho State University Library, 0839
 Iowa Board of Pharmacy Examiners, 0938
 Linda Hall Library, 1004
 Lloyd Library and Museum, 1005
 Long Island University, 1009
 Massachusetts College of Pharmacy, 1070
 Mead Johnson and Co., 1088
 Medical Library Center of New York, 1093
 Medical University of South Carolina, 1095
 Mercer University, 1100
 Merck Sharp & Dohme Research Laboratories, 1102
 The Wm. S. Merrell Co., 1103
 Miles Laboratories Inc. Library, 1129
 New York Academy of Medicine Library, 1290
 New York State Medical Library, 1309
 Northeast Louisiana University, 1345
 Ohio State University, 1386
 Oregon State Board of Pharmacy, 1410
 Pharmaceutical Manufacturers Association, 1458
 Pharmaco-Medical Documentation, 1459
 Philadelphia College of Pharmacy and Science, 1461
 Purdue University, 1496
 Saint John's University, 1531
 Saint Louis College of Pharmacy, 1532
 Southwestern State College, 1634
 Sterling Drug, Inc., 1661
 Stuart Co. Library, 1664
 Temple University, 1671
 University of Arkansas, 1747
 University of Connecticut, 1817
 University of Florida, 1832, 1846
 University of Georgia, 1855
 University of Kansas, 1892, 1893
 University of Kentucky, 1902
 University of Maryland, 1919
 University of Minnesota, 1948, 1957
 University of Mississippi, 1960
 University of Missouri at Kansas City, 1964
 University of Montana, 1969
 University of New Mexico, 1984
 University of North Carolina at Chapel Hill, 1989
 University of Oklahoma, 1995
 University of Pittsburgh, 2014
 University of Rhode Island, 2023
 University of South Carolina, 2038
 University of the Pacific, 2058
 University of Washington, 2084
 University of Wisconsin, 2096, 2097
 University of Wyoming, 2107, 2108
 The Upjohn Co., 2110
 Veterans Administration, 2135
 Virginia Commonwealth University, 2144, 2145
 Washington State University, 2168
 Wayne State University, 2179, 2180
 West Virginia University, 2192
 Xavier University of Louisiana, 2223
See also Hospital pharmacy
- Philosophy of science**
 Georgetown University, 0718
 University of Pittsburgh, 2019
- Photobiology**
 Smithsonian Institution, 1579

- Photochemical reactions**
The Claremont Colleges, 0464
University of California, Riverside, 1784
Western Kentucky University, 2198
- Photographic dosimeters**
National Sanitation Foundation, 1227
See also Dosimetry
- Photosensitivity**
Western Kentucky University, 2198
- Photosynthesis**
Carnegie Institution of Washington, 0437
Charles F. Kettering Foundation, 0451
Florida State University, 0692
- Phreatophyte control**
Interior, Department of the, 0888
New Jersey Department of Environmental Protection, 1279
Tennessee Valley Authority, 1678
Washington State University, 2171
See also Weed control
- Physical anthropology**
Air Force, Department of the, 0110
Biosciences Information Service of Biological Abstracts, 0381
Excerpta Medica Foundation, 0659
Field Museum of Natural History, 0676
University of Colorado, 1812
- Physical education**
American Association for Health, Physical Education, and Recreation, 0148
President's Council on Physical Fitness and Sports, 1479
University of Oregon, 2000
- Physical fitness**
Army, Department of the, 0322
See also Exercise (physiology)
- Physical medicine**
American Congress of Rehabilitation Medicine, 0192
American Rehabilitation Foundation, 0259
Columbia University, 0498
Veterans Administration, 2135
- Physical therapy**
Air Force, Department of the, 0109
American Corrective Therapy Association, Inc., 0193
American Physical Therapy Association, 0248
American Rehabilitation Foundation, 0259
Excerpta Medica Foundation, 0659
Health, Education, and Welfare, Department of, 0777, 0786
University of Pennsylvania, 2001
- University of Wisconsin, 2101
Yale University, 2227
See also Occupational therapy
- Physicians**
Academy of Medicine of Cincinnati, 0001
American Association of Ophthalmology, 0164
American Board of Physical Medicine and Rehabilitation, 0173
American Medical Women's Association, 0232
Association of Pathology Chairmen, Inc., 0347
Health, Education, and Welfare, Department of, 0798
Minnesota State Medical Association, 1144
Mississippi State Medical Association, 1148
New York Academy of Medicine Library, 1290
Physicians Forum, 1466
State Medical Society of Wisconsin, 1643
Virginia Council on Health and Medical Care, 2146
See also Medical personnel
- Physiological psychology**
American Psychosomatic Society, Inc., 0254
Biosciences Information Service of Biological Abstracts, 0381
Cleveland Psychiatric Institute, 0470
Columbia University, 0499
Institute for Behavioral Research, Inc., 0875
Navy, Department of the, 1244
New York University, 1313
Society for Psychophysiological Research, 1588
Society of Biological Psychiatry, 1593
See also Psychology
- Physiology**
Air Force, Department of the, 0111
American Physiological Society, 0249
American Society for Electro-Anesthesia, 0263
Army, Department of the, 0317, 0328
Biosciences Information Service of Biological Abstracts, 0381
Brookhaven National Laboratory, 0402
Brown University, 0405, 0406
Cedars-Sinai Medical Center, 0447
City of Hope National Medical Center, 0463
The Claremont Colleges, 0464
Columbia University, 0498
Defense, Department of, 0585
Drake University, 0611
Duke University, 0616, 0619
- E. I. du Pont de Nemours and Co., Inc., 0624
Emory University, 0634
Ensanian Physicochemical Institute, 0638
Excerpta Medica Foundation, 0659
Gulf Coast Research Laboratory, 0736
Hartford Hospital, 0746
Health, Education, and Welfare, Department of, 0814
Highlands Biological Station, Inc., 0821
Human Factors Society (HFS), 0832
Indiana University, 0861
John Carroll University, 0960
Loyola University of Chicago, 1042
Midwest Research Institute, 1126
Montefiore Hospital and Medical Center, 1163
Nasson College, 1180
National Science Foundation, 1228
Navy, Department of the, 1241, 1242, 1243
Oklahoma Medical Research Foundation, 1397
Pacific Medical Center, 1432
Princeton University, 1480
Slippery Rock State College, 1563
Southwestern State College, 1634
State University of New York, 1653
University of Alaska, 1730
University of California, Los Angeles, 1775
University of Hartford, 1856
University of Hawaii, 1863
University of Illinois, 1872
University of Oregon, 2000
University of Pennsylvania, 2002
University of Tennessee, 2044
University of Texas at Austin, 2050
University of Wisconsin, 2101
USC, Inc., 2111
Yale University, 2227
See also Animal physiology; Comparative physiology; Electrophysiology; Enzymes; Anatomy; Stress physiology
- Phytogeography**
George Landis Arboretum, 0712
Oregon State University, 1417
University of Cincinnati, 1803
University of Illinois, 1876
See also Plant ecology
- Pigs**
North Carolina State University at Raleigh, 1329
Washington State University, 2169
See also Livestock
- Pineapples**
Dole Co., 0609
Hawaiian Academy of Science, 0761
See also Fruits

SUBJECT INDEX

Plankton

Commerce, Department of, 0507, 0514
Florida Department of Natural Resources, 0687
Texas A&M University, 1687
University of Rhode Island, 2029
See also Zooplankton

Plankton blooms

Florida Department of Natural Resources, 0687
Smithsonian Institution, 1574
See also Toxic dinoflagellata

Plant anatomy

Agriculture, Department of, 0051
Eastern Washington State College, 0631
University of California, Davis, 1766

Plant chemistry

Bloomsburg State College, 0383
The Institute of Paper Chemistry, 0886
Lehigh University, 0999
Oregon State University, 1411
University of Georgia, 1849
University of Maryland, 1917
University of Pittsburgh, 2018

Plant diseases

Agriculture, Department of, 0020, 0035, 0046, 0053, 0069
American Phytopathological Society, 0250
Arizona Commission of Agriculture and Horticulture, 0296
Colorado Department of Agriculture, 0475
Michigan State University, 1122
Monroe County (N.Y.) Department of Parks, 1155
New Hampshire Department of Agriculture, 1269
South Dakota State University, 1613
Texas A&M University, 1689
University of Florida, 1843
University of Illinois, 1877
University of Maryland, 1917
University of Nevada, 1977

Plant ecology

Academy of Natural Sciences of Philadelphia, 0003
Harvard University, 0748
Interior, Department of the, 0900
Missouri Botanical Garden Library, 1151
New York Botanical Garden, 1292
Ohio State University, 1379
Shippensburg State College, 1560
Smithsonian Institution, 1565
University of Connecticut, 1815
University of New Hampshire, 1980
University of Rhode Island, 2025
University of Wisconsin, 2085
Western Michigan University, 2199
See also Ecology

Plant genetics

Agriculture, Department of, 0099
American Phytopathological Society, 0250
Cornell University, 0562, 0563
Iowa State University of Science and Technology, 0946, 0949
Kansas State University, 0976
Michigan State University, 1122
Mississippi State University, 1150
North Carolina State University at Raleigh, 1331
Oregon State University, 1412
South Dakota State University, 1612, 1613
University of Arizona, 1733
University of Connecticut, 1815
University of Florida, 1836
University of Georgia, 1851
University of Massachusetts, 1926
University of Missouri at Columbia, 1962
University of Nevada, 1977
See also Genetics

Plant growth regulators

Agriculture, Department of, 0046, 0051

Plant nutrition

American Society of Agronomy, 0272
Cornell University, 0563
The Fertilizer Institute, 0675
North Carolina State University at Raleigh, 1334
Oregon State University, 1411
Potash Institute of North America, Inc., 1475
Purdue University, 1495
South Dakota State University, 1613
University of California, Davis, 1767
University of California, Riverside, 1785
University of Connecticut, 1815, 1818
University of Maryland, 1917
University of Massachusetts, 1926
University of Oklahoma, 1996
See also Nutrition

Plant pathology

Agriculture, Department of, 0081
American Phytopathological Society, 0250
Arkansas Agricultural Experiment Station, 0304
Army, Department of the, 0315
Auburn University, 0353
Boerner Botanical Gardens, 0385
Clemson University, 0465
Colorado State University, 0481
Connecticut Agricultural Experiment Station, 0547
Eastern Washington State College, 0631
Illinois Natural History Survey Library, 0850
Insect Control and Research, Inc., 0874
Iowa State University of Science and Technology, 0950, 0952

Louisiana State University, 1029, 1030, 1033
Montana State University, 1162
Morton Arboretum, 1165
North Carolina State University at Raleigh, 1336
North Dakota State University, 1343
Ohio Agricultural Research and Development Center, 1371
Ohio State University, 1377
Oklahoma State University, 1399, 1400
Oregon Department of Agriculture, 1403
Pennsylvania State University, 1454
Phytopathological Translations, 1467
Pickle Packers International, Inc., 1468
Purdue University, 1491
South Dakota State University, 1612
Texas A&M University, 1688
University of Alaska, 1729
University of Arizona, 1733, 1738
University of California, Berkeley, 1752, 1757
University of California, Riverside, 1784, 1785
University of Delaware, 1819, 1820, 1822, 1823
University of Florida, 1836
University of Georgia, 1851
University of Hawaii, 1857, 1859
University of Idaho, 1866
University of Kentucky, 1898
University of Maine, 1913
University of Massachusetts, 1930
University of Missouri at Columbia, 1962
University of New Hampshire, 1980
University of Oklahoma, 1996
University of Rhode Island, 2026, 2031
University of Tennessee, 2045
University of Wisconsin, 2088, 2102
University of Wyoming, 2109
Virginia Polytechnic Institute and State University, 2153
Washington State University, 2172
West Virginia University, 2194

Plant physiology

Agriculture, Department of, 0046, 0051
American Society of Agronomy, 0272
Army, Department of the, 0315
Botanical Society of America, Inc., 0392
Charles F. Kettering Foundation, 0451
East Tennessee State University, 0628
Eastern Washington State College, 0631
Harvard University, 0749
Iowa State University of Science and Technology, 0946
Lehigh University, 0999
New Mexico State University, 1289
North Carolina State University at Raleigh, 1331
Purdue University, 1497

Shippensburg State College, 1560
 South Dakota State University, 1612
 State University of New York, 1645
 Texas A&M University, 1688
 Texas Woman's University, 1699
 University of California, Davis, 1766, 1767
 University of California, Riverside, 1781
 University of Delaware, 1824
 University of Florida, 1836
 University of Georgia, 1849
 University of Hawaii, 1857, 1859
 University of Kentucky, 1896
 University of Massachusetts, 1926
 University of New Hampshire, 1980
 University of Rhode Island, 2029
 University of Wisconsin, 2085
 Virginia Polytechnic Institute and State University, 2153
 Wisconsin State University, La Crosse, 2210

Plants (botany)

Agriculture, Department of, 0043, 0054, 0099, 0102
 American Association of Botanical Gardens and Arboreta, 0156
 American Horticultural Society, 0212
 Arizona-Sonora Desert Museum, 0301
 Bear Mountain Trailside Museums and Nature Trails, 0370
 Bowman's Hill State Wild Flower Preserve, 0394
 Brookgreen Gardens, 0399
 Central Washington State College, 0450
 Colorado State University, 0487
 Defense, Department of, 0586
 Dole Co., 0609
 Elan Memorial Park Corp., 0633
 Garfield Park Conservatory, 0707
 Herb Society of America, 0817
 Highland Park Herbarium, 0820
 Holden Arboretum, 0824
 Interior, Department of the, 0920
 Kansas State University, 0978
 Library of Congress, 1001
 Los Angeles State and County Arboretum, 1019
 Louisiana State University, 1028
 Lynchburg College, 1046
 Massachusetts Department of Natural Resources, 1074
 Miami University (Ohio), 1105
 Michigan Department of Natural Resources, 1112
 Milwaukee Public Museum, 1135
 Missouri Botanical Garden Library, 1151
 Museum of Science (Boston), 1175
 New Hampshire Audubon Nature Center, 1267
 North Dakota State University, 1344
 Oakland Office of Parks and Recreation, 1366

Oberlin College, 1367
 Ohio Academy of Science, 1370
 Ohio State University, 1384
 Oregon State University, 1417
 Puget Sound Museum of Natural History, 1489
 Santa Barbara Botanic Garden, 1546
 Southern Oregon College, 1628
 Stephen F. Austin State University, 1660
 Strybing Arboretum and Botanical Garden, 1663
 Taylor Memorial Arboretum, 1670
 Tennessee Botanical Gardens, 1672
 Texas A&I University, 1682
 United States Botanic Garden, 1719
 University of Alaska, 1729, 1732
 University of Arizona, 1740, 1741, 1743
 University of California, Berkeley, 1749
 University of California, Davis, 1766, 1770
 University of California, Irvine, 1771
 University of California, Los Angeles, 1774

University of Cincinnati, 1803
 University of Illinois, 1876
 University of Maine, 1912
 University of Maryland, 1915
 University of Miami, 1932
 University of Montana, 1966
 University of Nevada, 1972, 1978
 University of New Hampshire, 1979, 1980
 University of New Mexico, 1985
 University of Oregon, 1998
 University of Pennsylvania, 2007
 University of Rhode Island, 2025
 University of Vermont, 2066
 University of Wisconsin, 2091
 Weed Society of America, 2184
 William Jewell College, 2205
See also Aquatic plants; Botany; Cimicifuga; Ferns; Fruits; Fungi; Grasses; Ground cover; Lichens; Liverworts; Mosses; Medical plants; Poisonous plants; Nuts (fruits); Ornamental plants; Shrubs; Tropical plants; Weeds

Plants (botany)--Taxonomy

Academy of Natural Sciences of Philadelphia, 0003
 Bayard Cutting Arboretum, 0368
 Biological Society of Nevada, 0378
 Boerner Botanical Gardens, 0385
 Botanical Society of America, Inc., 0392
 Carnegie Institution of Washington, 0437
 Desert Botanical Garden of Arizona, 0600
 Eastern Washington State College, 0631
 Garden Center of Greater Cleveland, 0706
 George Landis Arboretum, 0712
 Harvard University, 0748
 Kansas State University, 0978
 Missouri Botanical Garden Library, 1151
 Oberlin College, 1367

Quetico-Superior Wilderness Research Center, 1502
 Sam Houston State University, 1540
 Shippensburg State College, 1560
 Smithsonian Institution, 1565
 South Arkansas Arboretum, 1599
 Southern Illinois University, 1625
 Southern Methodist University, 1627
 State University of New York, 1645
 United States Botanic Garden, 1719
 University of Arizona, 1741
 University of California, Berkeley, 1765
 University of Cincinnati, 1803
 University of Illinois, 1874
 University of Maryland, 1917
 University of Michigan, 1947
 University of South Dakota, 2039
 University of Wisconsin, 2085
 University of Wyoming, 2105, 2106
 West Virginia University, 2191
 Worcester State College, 2216

Plastic medical equipment

Army, Department of the, 0323

Plastic surgery

African Medical and Research Foundation, Inc., 0010
See also Surgery

Podiatry

American Association of Foot Specialists, 0159
 American College of Foot Orthopedists, 0182
 American Podiatry Association, 0251
 New York College of Podiatric Medicine, 1296
 Pennsylvania College of Podiatric Medicine, 1441
 Texas Podiatry Association, 1698

Poisoning

American Academy of Clinical Toxicology, 0136
 American Academy of Pediatrics, 0145
 E. I. du Pont de Nemours and Co., Inc., 0624
 Health, Education, and Welfare, Department of, 0769
 Hektoen Institute for Medical Research, 0816
 International Society on Toxinology, 0936
 National Safety Council, 1226
 New York State Department of Health, 1304
 Stanford University, 1640
 State University of New York, 1657
 Virginia Department of Health, 2148
See also Food poisoning; Livestock poisoning; Toxicology

Poisonous animals

Arizona State University, 0302

SUBJECT INDEX

International Society on Toxinology, 0936
Miami Serpenterium Laboratories, 1104
Stanford University, 1640
World Life Research Institute, 2217
See also Venoms; Snakes

Poisonous plants

Agriculture, Department of, 0062
Saint John's University, 1531
Stanford University, 1640
University of Hawaii, 1858
University of Miami, 1932
University of Nevada, 1978
University of Wyoming, 2104, 2106
World Life Research Institute, 2217
Wyoming Department of Agriculture, 2218
See also Pharmacognosy; Plants (botany)

Poisons

Consumers' Research, Inc., 0554
District of Columbia Department of Human Resources, 0604
Health, Education, and Welfare, Department of, 0769
Illinois Department of Public Health, 0845
Johns Hopkins University, 0966
Philadelphia Department of Public Health, 1463
Stanford University, 1640
Virginia Department of Health, 2148

Polar regions

Air Force, Department of the, 0113
Explorers Club, 0662
Foresta Institute for Ocean and Mountain Studies, 0696
Health, Education, and Welfare, Department of, 0772
Library of Congress, 1001
National Science Foundation, 1229
Ohio State University, 1383
Smithsonian Institution, 1574
University of Alaska, 1730, 1731
University of Colorado, 1808

Poliomyelitis

National Foundation, 1207
See also Nervous system disorders

Pollution

Agriculture, Department of, 0064, 0099
American Chemical Society, 0178
American Forestry Association, 0204
Arizona Department of Health, 0298
Aullwood Audubon Center, 0358
The Claremont Colleges, 0464
Delaware Department of Health and Social Services, 0591
Denver Public Library, 0597
Gulf South Research Institute, 0738
Idaho Fish and Game Department, 0838
Illinois Institute of Technology, 0849
Interior, Department of the, 0901, 0902

International Remote Sensing Institute, 0935

Lakeside Laboratories, 0996
Louisiana Department of Agriculture, 1022
Louisiana Tech University, 1035
Massachusetts Department of Public Health, 1082
Medical University of South Carolina, 1096
Memphis and Shelby County Health Department, 1098
Midwest Research Institute, 1126
Mount Sinai School of Medicine, 1170
National Environmental Health Association, 1206
New York Scientists' Committee for Public Information, Inc., 1298
Oak Ridge National Laboratory, 1359
Pennsylvania Department of Environmental Resources, 1444
Polytechnic Institute of Brooklyn, 1472
Purdue University, 1494, 1495
Resources for the Future, Inc., 1508
Rhode Island Department of Natural Resources, 1511
Sierra Club, 1561
Southern Connecticut State College, 1621
Tennessee Department of Public Health, 1673
University of California, Davis, 1769
University of Denver, 1827
University of Iowa, 1883
University of North Carolina at Chapel Hill, 1987
University of Oklahoma, 1992
University of Texas at Galveston, 2054
University of Virginia, 2070
University of Washington, 2077
University of Wisconsin, 2092, 2099
USC, Inc., 2111
The Wilderness Society, 2201
The Wildlife Society, Inc., 2203
See also Air pollution; Anthropogenic ecology; Noise (sound); Soil pollution; Water pollution

Population

Brown University, 0406
Harvard University, 0752
Hawaii Department of Health, 0758
New York Scientists' Committee for Public Information, Inc., 1298
The Population Council, 1473

Population control

Health, Education, and Welfare, Department of, 0810
Scientists' Institute for Public Information, 1553
See also Abortion

Population dynamics

Battelle Memorial Institute, 0363
University of Notre Dame, 1991
See also Animal population dynamics

Population growth

Cornell University, 0556
Health, Education, and Welfare, Department of, 0809
Margaret Sanger Research Bureau, Inc., 1055
The Population Council, 1473
Research Triangle Institute, 1507
Utah State University, 2120
See also Overpopulation

Population migrations

The Population Council, 1473
Smithsonian Institution, 1574

Potatoes

Maine Department of Agriculture, 1047
Potato Association of America, 1476
See also Farm crops; Vegetables

Poultry

Agriculture, Department of, 0063, 0104
Colorado State University, 0486
DeKalb AgResearch, Inc., 0588
Minnesota State Livestock Sanitary Board, 1143
North Carolina State University at Raleigh, 1333
Northeastern Poultry Producers Council, Inc., 1346
Oregon State University, 1415
University of Kentucky, 1901
See also Birds

Prairie chickens

National Prairie Grouse Technical Council, 1215
See also Birds

Precipitation (meteorology)

Library of Congress, 1001
Michigan State University, 1121
University of California, Davis, 1768
University of Nevada, 1974
See also Hydrologic cycle

Predator control

Interior, Department of the, 0896
See also Pest control

Pregnancy

Alabama Department of Public Health, 0120
Association for the Aid of Crippled Children, 0339
Health, Education, and Welfare, Department of, 0809
Maternity Center Association, 1086

See also Obstetrics

Primates

Emory University, 0637
Health, Education, and Welfare,
Department of, 0802
New England Regional Primate Research
Center, 1266
Smithsonian Institution, 1571
Tulane University, 1712
University of Washington, 2081
University of Wisconsin, 2095
See also Laboratory animals; Mammals

Prosthetic devices

American Academy of Maxillofacial
Prosthetics, 0141
American Board for Certification in
Orthotics and Prosthetics, Inc., 0171
Army, Department of the, 0323
See also Dental prostheses; Mechanical
organs; Medical equipment

Prosthetists

American Board for Certification in
Orthotics and Prosthetics, Inc., 0171
See also Medical personnel

Prosthodontics

Air Force, Department of the, 0109
See also Dentistry

Protective clothing

Army, Department of the, 0314, 0318
Mine Safety Appliances Co. Library, 1136

Protective equipment

Army, Department of the, 0313, 0315
E. I. du Pont de Nemours and Co., Inc.,
0624
National Aeronautics and Space
Administration, 1186
Safety Equipment Distributors
Association, 1530

Proteins

Burke Rehabilitation Center, 0408
Kingsbrook Jewish Medical Center, 0992
Marine Chemurgics, Inc., 1057
National Research Council, 1220
Papanicolaou Cancer Research Institute,
1439
See also Globulins; Nutrients

Protozoa

American Type Culture Collection, 0286
McLean Paleontological Laboratory, 1087
University of California, Berkeley, 1760
University of California, Los Angeles,
1775
University of Pennsylvania, 2002
See also Microbiology; Invertebrates

Psammon

University of Rhode Island, 2027

Psoriasis

Psoriasis Research Association, 1481

Psychiatric clinics

American Association of Psychiatric
Services for Children, 0165
See also Medical facilities

Psychiatry

Academy of Medicine of New Jersey
Library, 0002
Air Force, Department of the, 0109, 0112
American Association for Rehabilitation
Therapy, Inc., 0151
American Medical Association, 0230
American Mental Health Foundation,
0234
American Orthopsychiatric Association,
Inc., 0243
American Psychiatric Association, 0252
American Society of Adlerian Psychology,
0271
Austen Riggs Center, Inc., 0359
Biosciences Information Service of
Biological Abstracts, 0381
California Department of Mental Hygiene,
0414
Cedars-Sinai Medical Center, 0447
Cleveland Psychiatric Institute, 0470
Columbia University, 0498
Creedmoor Institute for Psychobiologic
Studies, 0573
Danvers State Hospital, 0580
Denver Medical Society Library, 0595
Excerpta Medica Foundation, 0659
Fort Logan Mental Health Center, 0698
Group for the Advancement of Psychiatry,
Inc., 0733
Health, Education, and Welfare,
Department of, 0785, 0786, 0787
Lafayette Clinic Library, 0995
Menninger Foundation, 1099
Montefiore Hospital and Medical Center,
1163
Nassau Psychiatric Society, 1179
National Association for Mental Health,
Inc., 1188
National Association of Private Psychiatric
Hospitals, 1196
Neuropsychiatric Society of Virginia, 1257
New Jersey Bureau of Research in
Neurology and Psychiatry, 1276
New York Academy of Medicine Library,
1290
New York Hospital--Cornell Medical
Center, 1297
New York State Psychiatric Institute, 1312
Norwich Hospital, 1356
Society for Adolescent Psychiatry, Inc.
(New York), 1586
Society of Biological Psychiatry, 1593
University of California, San Francisco,
1796

University of Colorado, 1809
University of Florida, 1846
University of Missouri at St. Louis, 1965
University of Oklahoma, 1996
University of Pittsburgh, 2019
University of Rochester, 2034
University of Virginia, 2073
Veterans Administration, 2140
Yale University, 2227
See also Child psychiatry

Psychoanalysis

American Mental Health Foundation,
0234
American Psychiatric Association, 0252
American Psychoanalytic Association,
0253
Austen Riggs Center, Inc., 0359
California Department of Mental Hygiene,
0414
Community Guidance Service, Inc., 0542
Group for the Advancement of Psychiatry,
Inc., 0733
Health, Education, and Welfare,
Department of, 0786
New York Academy of Medicine Library,
1290
New York State Psychiatric Institute, 1312
University of Pittsburgh, 2019

Psychological tests

Community Guidance Service, Inc., 0542

Psychologists

Scientific Manpower Commission, 1552

Psychology

Air Force, Department of the, 0109
American Association for Rehabilitation
Therapy, Inc., 0151
American Medical Association, 0230
American Occupational Therapy
Association, 0238
American Psychiatric Association, 0252
American Society of Adlerian Psychology,
0271
Army, Department of the, 0317
Austen Riggs Center, Inc., 0359
Battelle Memorial Institute, 0364
Brigham Young University, 0397
Brown University, 0405
California Department of Mental Hygiene,
0414
Columbia University, 0499
Danvers State Hospital, 0580
Defense, Department of, 0585
Dunlap and Associates, Inc., 0623
Earlham College Libraries and Museum,
0625
Emory University, 0636
Health, Education, and Welfare,
Department of, 0785, 0786, 0787, 0814
Kansas State University, 0983

Linda Hall Library, 1004
Louisiana Tech University, 1035
Menninger Foundation, 1099
Montefiore Hospital and Medical Center, 1163
National Association for Mental Health, Inc., 1188
Navy, Department of the, 1241, 1243, 1253
New York Academy of Medicine Library, 1290
The New York Academy of Sciences, 1291
New York Hospital--Cornell Medical Center, 1297
New York State Psychiatric Institute, 1312
Norwich Hospital, 1356
Ohio Academy of Science, 1370
Purdue University, 1496
University of California, Berkeley, 1754
University of California, Riverside, 1779
University of Colorado, 1811
University of Missouri at Kansas City, 1964
University of Oklahoma, 1996
University of Pittsburgh, 2016, 2019
Veterans Administration, 2140
Villanova University, 2141
Yale University, 2227
See also Adolescent psychology; Child psychology; Developmental psychology; Engineering psychology; Industrial psychology; Physiological psychology; Social psychology; Stress psychology

Psychometrics
Community Guidance Service, Inc., 0542
United States Testing Co., Inc., 1720

Psychopathology
Health, Education, and Welfare, Department of, 0787

Psychopharmacology
Creighton University, 0574
Group for the Advancement of Psychiatry, Inc., 0733
Health, Education, and Welfare, Department of, 0783, 0787
Mead Johnson and Co., 1088
New Jersey Bureau of Research in Neurology and Psychiatry, 1276
New York State Psychiatric Institute, 1312
New York University, 1313
Scientific Literature Corp., 1551
University of Illinois, 1875
University of Maryland, 1921
University of Missouri at St. Louis, 1965
See also Pharmacology; Psychotropic drugs

Obstetrics, Inc., 0268
See also Obstetrics

Psychoses
New York University, 1313

Psychosomatic disorders
American Psychosomatic Society, Inc., 0254
American Society of Psychosomatic Dentistry and Medicine, 0278
Oklahoma Medical Research Foundation, 1397
University of Pittsburgh, 2019

Psychotherapy
American Association for Rehabilitation Therapy, Inc., 0151
American Mental Health Foundation, 0234
Association for the Advancement of Psychotherapy, 0338
Community Guidance Service, Inc., 0542
Group for the Advancement of Psychiatry, Inc., 0733
Institute for Behavioral Research, Inc., 0875
New York University, 1313

Psychotropic drugs
Cleveland Psychiatric Institute, 0470
New Mexico Highlands University, 1286
State University of New York, 1655
See also Marihuana; Narcotics; Neuropharmacology; Psychopharmacology; Sedatives

Public health
Academy of Medicine of Cincinnati, 0001
African Medical and Research Foundation, Inc., 0010
Air Force, Department of the, 0114
Akron City Health Department, 0116
Alabama Department of Public Health, 0120
Alaska Department of Health and Welfare, 0125
American Medical Association, 0227, 0229
American Podiatry Association, 0251
American Public Health Association, 0255
Arizona Department of Health, 0297, 0298
Arkansas State Department of Health, 0307
Army, Department of the, 0329
Baltimore City Health Department, 0362
Berkeley Department of Public Health, 0373
Biosciences Information Service of Biological Abstracts, 0381

Cincinnati Health Department, 0462
Colorado Department of Public Health, 0476
Columbia University, 0501
Cornell University, 0556
Delaware Department of Health and Social Services, 0591, 0592
District of Columbia Department of Human Resources, 0607
Environmental Protection Agency, 0655, 0657
Excerpta Medica Foundation, 0659
Florida Department of Health and Rehabilitative Services, 0682, 0685
Fulton County (Ga.) Health Department, 0704
Gulf South Research Institute, 0740
Harvard University, 0752
Hawaii Department of Health, 0758
Health and Hospital Corp. of Marion County, Ind., 0764
Health, Education, and Welfare, Department of, 0772, 0789, 0801, 0814
Hillsborough County (Fla.) Health Department, 0822
Houston City Health Department, 0829
Idaho Department of Health, 0836
Illinois Department of Public Health, 0847
Johns Hopkins University, 0963
Kentucky Department of Health, 0987
Linda Hall Library, 1004
Louisiana Department of Health, 1024, 1025
Maine Department of Health and Welfare, 1048
Massachusetts Department of Public Health, 1077, 1079
Memphis and Shelby County Health Department, 1098
Michigan Department of Public Health, 1114
Milwaukee Health Department, 1134
Minnesota Department of Health, 1140, 1141
Mississippi State Board of Health, 1147
Montana Department of Health and Environmental Sciences, 1157, 1159
Mount Sinai School of Medicine, 1170
National Environmental Health Association, 1206
Nevada Department of Health, Welfare, and Rehabilitation, 1260
New Hampshire Department of Health and Welfare, 1270
New Mexico Health and Social Services Department, 1283
New York Academy of Medicine Library, 1290
New York State Department of Health, 1305, 1306

New York State Medical Library, 1309
 New York University, 1314
 North Carolina State Board of Health, 1328
 North Dakota Department of Health, 1340
 Oklahoma City-County Health Department, 1393
 Oregon State Board of Health, 1409
 Pan American Health Organization, 1438
 Polk County Medical Society, 1471
 Public Health Research Institute of the City of New York, Inc., 1482
 Puerto Rico Department of Health, 1486, 1487
 Purdue University, 1494
 Saint Louis Division of Health, 1533
 San Antonio Metropolitan Health District, 1541
 San Diego County Department of Public Health, 1543
 South Carolina State Board of Health, 1602
 South Dakota Department of Health, 1607, 1608
 State Medical Society of Wisconsin, 1643
 Tennessee Department of Public Health, 1673
 Texas Department of Health, 1692
 Toledo District Board of Health, 1704
 Transportation, Department of, 1706
 Tulsa City-County Health Department, 1716
 University of California, Berkeley, 1754, 1759
 University of California, Los Angeles, 1773
 University of California, Riverside, 1779
 University of California, San Francisco, 1796
 University of Cincinnati, 1804
 University of Hawaii, 1862, 1863
 University of Iowa, 1884, 1886
 University of Missouri at Kansas City, 1964
 University of North Carolina at Chapel Hill, 1988, 1989
 University of Oklahoma, 1992
 Utah Division of Health, 2117
 Vermont Department of Health, 2126
 Virginia Council on Health and Medical Care, 2146
 Washington State Department of Social and Health Services, 2165
 Washington State Library, 2167
 Wisconsin Department of Health and Social Services, 2208
See also Epidemiology; Industrial hygiene; Syphilis; Zoonoses

Public land
 Alaska Department of Natural Resources, 0127
 Colorado State University, 0492

Interior, Department of the, 0924
See also Land; Parks

Pulping
 American Pulpwood Association, 0256
 The Institute of Paper Chemistry, 0886
 University of Washington, 2077

Pulps
 State University of New York, 1649

Pulpwood
 American Pulpwood Association, 0256

Pure food and drug laws
 Association of American Feed Control Officials, 0342
 California Department of Public Health, 0415, 0416
 Health, Education, and Welfare, Department of, 0766, 0768, 0771, 0799
 Indiana Board of Health, 0855
 Iowa Board of Pharmacy Examiners, 0938
 Justice, Department of, 0969, 0970
 Long Island University, 1009
 Michigan State Pharmaceutical Association, 1117
 Nevada Department of Health, Welfare, and Rehabilitation, 1261
 North Dakota State Laboratories Department, 1342
 Oregon State Board of Pharmacy, 1410
 Pharmaceutical Manufacturers Association, 1458

Races (biology)
 Scientists' Institute for Public Information, 1553

Radiation decontamination
 Army, Department of the, 0318, 0319
 National Aeronautics and Space Administration, 1186

Radiation dosage
 Commerce, Department of, 0506
See also Dosimetry

Radiation effects
 Air Force, Department of the, 0108
 Argonne National Laboratory, 0295
 Environmental Protection Agency, 0644, 0650
 National Aeronautics and Space Administration, 1186
 New York Scientists' Committee for Public Information, Inc., 1298
 Oak Ridge National Laboratory, 1363
 University of California, Berkeley, 1762
 University of Iowa, 1885
 University of Notre Dame, 1991
 University of Vermont, 2062

Radiation hazards

California Department of Public Health, 0418
 Commerce, Department of, 0506
 Environmental Protection Agency, 0644
 Kansas Department of Health, 0973
 Kentucky Department of Health, 0988
 Minnesota Department of Health, 1140
 National Environmental Health Association, 1206
 Oceanic Research Institute, 1369
 Pennsylvania Department of Environmental Resources, 1443
 San Antonio Metropolitan Health District, 1541
 University of Cincinnati, 1804
 University of Iowa, 1886
 University of North Carolina at Chapel Hill, 1987
See also Fallout; Radioactive waste disposal; Health physics

Radiation measurement

Army, Department of the, 0318
 Defense, Department of, 0585
 Environmental Protection Agency, 0644
 Institute of Environmental Sciences, 0884
 Maryland Department of Health and Mental Hygiene, 1064
 National Council on Radiation Protection and Measurements (NCRP), 1203
 National Sanitation Foundation, 1227
 Oak Ridge National Laboratory, 1363, 1365
 Western Kentucky University, 2198
See also Dosimetry

Radiation safety

Alaska Department of Environmental Conservation, 0123
 The American College of Radiology, 0185
 Argonne National Laboratory, 0295
 California Department of Public Health, 0418
 Environmental Protection Agency, 0644
 New Jersey Department of Environmental Protection, 1277
 Oak Ridge National Laboratory, 1363
See also Decontamination

Radiation shielding

Army, Department of the, 0318
 Environmental Protection Agency, 0644
 National Council on Radiation Protection and Measurements (NCRP), 1203
 New Jersey Department of Environmental Protection, 1277
 New York State Department of Labor, 1307
 Oak Ridge National Laboratory, 1363, 1365

Radiation tolerance

Oak Ridge National Laboratory, 1361

Radioactive waste disposal

Army, Department of the, 0318

California Department of Public Health,
0419

See also Radiation hazards; Waste disposal

Radioactive wastes

Agriculture, Department of, 0069

Army, Department of the, 0318

Battelle Memorial Institute, 0363

California Institute of Technology, 0424

Colorado Department of Public Health,
0476

Committee for Environmental
Information, 0541

Connecticut Department of Health, 0551

Environmental Protection Agency, 0644

Oak Ridge National Laboratory, 1363

Oceanic Research Institute, 1369

Oregon Environmental Quality
Commission, 1404

San Antonio Metropolitan Health District,
1541

Scientists' Institute for Public Information,
1553

University of California, Berkeley, 1762

University of Chicago, 1801

University of Washington, 2076

See also Wastes

Radiobiology

Agriculture, Department of, 0069

Argonne National Laboratory, 0295

Atomic Energy Commission, 0351, 0352

Biosciences Information Service of
Biological Abstracts, 0381

Boston University, 0389

Brookhaven National Laboratory, 0401,
0402

Carver Research Foundation of Tuskegee
Institute, 0441

Commerce, Department of, 0519, 0535

Defense, Department of, 0585

Denver Public Library, 0597

Environmental Protection Agency, 0644

Excerpta Medica Foundation, 0659

Health, Education, and Welfare,
Department of, 0814

Interior, Department of the, 0919

Navy, Department of the, 1244

Oak Ridge Associated Universities
Library, 1358

Oak Ridge National Laboratory, 1362,
1364

Oregon State University, 1422

Slippery Rock State College, 1563

Smithsonian Institution, 1579, 1580

Texas A&M University, 1684

Texas Woman's University, 1699

University of California, Los Angeles,
1775

University of Chicago, 1801

University of Florida, 1829

University of Georgia, 1852

University of Iowa, 1885

University of Kansas, 1893

University of Michigan, 1942

University of Rhode Island, 2029

University of Rochester, 2035

University of Tennessee, 2045, 2046

University of Texas at Houston, 2056

University of Washington, 2076

See also Health physics; Whole body
irradiation

Radiology

Air Force, Department of the, 0109, 0112

American College of Chest Physicians,
0181

The American College of Radiology, 0186

American Society of Radiologic

Technologists, 0279

Battelle Memorial Institute, 0365

Beekman-Downtown Hospital Library,
0371

Brookhaven National Laboratory, 0400

California Radiological Society, 0425

Columbia University, 0498

Duke University, 0620

Harvard University, 0752

Los Angeles County-University of
Southern California Medical Center,
1017

Maryland Department of Health and
Mental Hygiene, 1063

Yale University, 2227

See also Dental radiology

Radiotherapy

Environmental Protection Agency, 0644

University of Chicago, 1800

University of Michigan, 1942

Range grasses

Agriculture, Department of, 0048, 0050

Society for Range Management, 1589

University of Wyoming, 2106

See also Grasses

Range management

Agriculture, Department of, 0048, 0049,
0050, 0069, 0070, 0072, 0073, 0074,

0075, 0076, 0077, 0078, 0079, 0080,

0084, 0085, 0086, 0087, 0088, 0089,

0090, 0091, 0092, 0101

Colorado State University, 0481

Kansas State University, 0976

Montana State University, 1162

Nevada Department of Agriculture, 1258

Northern Arizona University, 1348

Society for Range Management, 1589

Society of American Foresters, 1592

South Dakota State University, 1609, 1613

Texas A&M University, 1688

University of Arizona, 1734

University of Florida, 1837

University of Idaho, 1867

University of Montana, 1968

University of Wyoming, 2105, 2109

Washington State University, 2172

See also Animal husbandry

Range weeds

Agriculture, Department of, 0048

Society for Range Management, 1589

See also Weeds

Recreation

American Association for Health, Physical
Education, and Recreation, 0148

Illinois Department of Conservation, 0843

Massachusetts Department of Natural
Resources, 1075

Monroe County (N.Y.) Department of
Parks, 1155

Nebraska Game and Parks Commission,
1256

New Jersey Department of Environmental
Protection, 1281

North Carolina State University at Raleigh,
1336

Ohio Agricultural Research and
Development Center, 1371

Ohio State University, 1387

Tennessee Game and Fish Commission,
1675

University of Florida, 1844

University of Nevada, 1974

University of Tennessee, 2047

See also Parks

Rectum

American Board of Colon and Rectal
Surgery, Inc., 0172

See also Gastrointestinal system

Reforestation

Agriculture, Department of, 0093

South Carolina State Commission of
Forestry, 1603

See also Forestry; Silviculture

Regional planning

Agriculture, Department of, 0065

Army, Department of the, 0321

Colorado State University, 0492

Interior, Department of the, 0919

Louisiana State University, 1029

New York--Vermont Interstate

Commission on the Lake Champlain
Basin, 1315

Research Triangle Institute, 1507

Resources for the Future, Inc., 1508

South Dakota State University, 1613

University of California, Berkeley, 1754

SUBJECT INDEX

- University of New Hampshire, 1981
USC, Inc., 2111
See also Community development; Urban planning; Water resources development; Watershed development
- Rehabilitation**
American Association for Rehabilitation Therapy, Inc., 0151
American Congress of Rehabilitation Medicine, 0192
American Corrective Therapy Association, Inc., 0193
American Rehabilitation Foundation, 0259
California Department of Mental Hygiene, 0414
Columbia University, 0498
Health, Education, and Welfare, Department of, 0786
Veterans Administration, 2134, 2135
Yale University, 2227
- Remote sensing**
International Remote Sensing Institute, 0935
Research Triangle Institute, 1507
- Reproduction (biology)**
Boston University, 0389
Drexel University, 0613
Health, Education, and Welfare, Department of, 0810
Smithsonian Institution, 1572
Texas A&I University, 1682
- Reproductive system**
The Population Council, 1473
Worcester Foundation for Experimental Biology, 2215
See also Semen
- Reptiles**
California Academy of Sciences, 0411
Gulf Coast Research Laboratory, 0737
Miami Serpentarium Laboratories, 1104
University of Utah, 2059
See also Herpetology; Turtles
- Reservoirs**
Auburn University, 0356
See also Water supply
- Respiration**
Navy, Department of the, 1244
Puritan-Bennett Corp., 1499
University of Hawaii, 1861
Webb-Waring Lung Institute, 2183
- Respiratory diseases**
American College of Chest Physicians, 0181
American Thoracic Society, 0284
Army, Department of the, 0324
- Battelle Memorial Institute, 0365
Cedarcrest Hospital, 0446
Health, Education, and Welfare, Department of, 0774, 0805
National Cystic Fibrosis Research Foundation, 1205
National Tuberculosis and Respiratory Disease Association, 1234
University of California, Berkeley, 1764
Webb-Waring Lung Institute, 2183
See also Particles (in the lungs); Thoracic diseases; Tuberculosis
- Respiratory metabolism**
Saint Vincent's Hospital and Medical Center of New York, 1537
See also Metabolism
- Respiratory system**
American College of Chest Physicians, 0181
- Rheumatic fever**
American College of Chest Physicians, 0181
- Rickettsia**
American Type Culture Collection, 0286
See also Pathogenic microorganisms
- Rickettsial diseases**
Health, Education, and Welfare, Department of, 0807
University of California, San Francisco, 1795
- River basins**
Agriculture, Department of, 0097, 0098
Commerce, Department of, 0508
Interior, Department of the, 0913
Oregon Game Commission, 1406
Pennsylvania Department of Environmental Resources, 1446
See also Watersheds
- Rivers**
Arkansas Pollution Control Commission, 0306
University of Massachusetts, 1929
See also Water resources; Waterways (watercourses)
- Rodent control**
Interior, Department of the, 0896
New Hampshire Department of Agriculture, 1269
See also Pest control
- Rodents**
Defense, Department of, 0587
University of California, Los Angeles, 1776
See also Mice
- Rum**
University of Puerto Rico, 2022
See also Beverages
- Runoff**
Texas A&M University, 1691
University of Vermont, 2068
West Virginia University, 2193
See also Erosion; Hydrologic cycle
- Rural sociology**
Agriculture, Department of, 0099
Arkansas Agricultural Experiment Station, 0304
Auburn University, 0353
Iowa State University of Science and Technology, 0950
Louisiana State University, 1029, 1030
Michigan State University, 1122
Mississippi State University, 1150
Montana State University, 1162
North Carolina State University at Raleigh, 1336
Ohio Agricultural Research and Development Center, 1371
Pennsylvania State University, 1454
Texas A&M University, 1688, 1689
University of Connecticut, 1818
University of Illinois, 1877
University of Kentucky, 1898, 1901
University of Maine, 1909
University of Minnesota, 1956
University of Tennessee, 2045
University of Vermont, 2067
University of Wisconsin, 2102
Utah State University, 2121
Washington State University, 2172
- Safety**
Army, Department of the, 0314
Georgia Game and Fish Commission, 0722
National Environmental Health Association, 1206
National Safety Council, 1226
South Carolina Wildlife Resources Department, 1604
Transportation, Department of, 1706
Virginia Commission of Game and Inland Fisheries, 2143
See also Industrial safety
- Safety devices**
Safety Equipment Distributors Association, 1530
- Safety engineering**
Detroit Department of Health, 0601
Michigan Department of Public Health, 1114
- Salivary glands**
Midwestern University, 1128

SUBJECT INDEX

Salmon

Colorado State University, 0482
Commerce, Department of, 0509, 0520, 0530
Interior, Department of the, 0911, 0917
Oregon Fish Commission, 1405
See also Fishes

Salmonella

Health, Education, and Welfare, Department of, 0774
University of Wisconsin, 2090
See also Bacteria

Salt water intrusion

University of Delaware, 1826
University of Hawaii, 1864
See also Water pollution

Sanitary engineering

Alabama Department of Public Health, 0120
Alaska Department of Health and Welfare, 0125
American Public Health Association, 0255
American Society of Sanitary Engineering, 0280
Arizona Department of Health, 0297
Army, Department of the, 0311, 0315, 0332
California Department of Public Health, 0415, 0419
California Institute of Technology, 0424
Connecticut Department of Health, 0551
Cornell University, 0556
Detroit Department of Health, 0601
District of Columbia Department of Sanitary Engineering, 0608
Environmental Protection Agency, 0640, 0653
Florida Department of Health and Rehabilitative Services, 0684
Fulton County (Ga.) Health Department, 0704
Health, Education, and Welfare, Department of, 0772, 0814
Illinois Institute of Technology, 0849
Iowa State University of Science and Technology, 0953
Johns Hopkins University, 0965
Los Angeles County Health Department, 1014
Louisiana Department of Health, 1025
Lubbock City-County Health Department, 1044
Maine Department of Health and Welfare, 1048, 1049
Maryland Department of Health and Mental Hygiene, 1064
Massachusetts Department of Public Health, 1079
Michigan Department of Public Health, 1114

Michigan State University, 1121
National Environmental Health Association, 1206
New Hampshire Water Supply and Pollution Control Commission, 1275
New Mexico Health and Social Services Department, 1284
New York State Department of Health, 1303, 1305
New York University, 1314
Ohio State University, 1387
Oregon Environmental Quality Commission, 1404
Oregon State Board of Health, 1409
Oregon State University, 1424
Pan American Health Organization, 1438
Pennsylvania Department of Environmental Resources, 1445
Polytechnic Institute of Brooklyn, 1472
Rutgers--The State University, 1524, 1529
South Dakota Department of Health, 1607, 1608
Texas Department of Health, 1692
University of Alaska, 1731
University of Cincinnati, 1804
University of North Carolina at Chapel Hill, 1989
University of Pittsburgh, 2015
University of Texas, 2048
University of Virginia, 2070
University of Washington, 2082
Utah State University, 2118
Washington State Department of Social and Health Services, 2165
West Virginia Health Department, 2188
See also Air pollution control; Civil engineering; Wastes; Water treatment

Sanitation

Agriculture, Department of, 0099
Alaska Department of Health and Welfare, 0125
American Society of Sanitary Engineering, 0280
Arizona Department of Health, 0297
Baltimore City Health Department, 0362
California Department of Public Health, 0415
California State College at Los Angeles, 0431
Colorado State University, 0484
District of Columbia Department of Human Resources, 0604
Economics Laboratory, Inc., 0632
General Sanitation Co., 0710
Health and Hospital Corp. of Marion County, Ind., 0764
Health, Education, and Welfare, Department of, 0782
Illinois Department of Public Health, 0848
Indiana Board of Health, 0855
Industrial Medical Association, 0872

Iowa Department of Health, 0943
Maryland Department of Health and Mental Hygiene, 1060
Massachusetts Department of Public Health, 1077
Memphis and Shelby County Health Department, 1098
Minnesota Department of Health, 1140
Montana Department of Health and Environmental Sciences, 1158
Navy, Department of the, 1238
New Mexico Health and Social Services Department, 1284
North Dakota Department of Health, 1340
North Dakota State Laboratories Department, 1342
Ohio State University, 1390
Oklahoma Department of Health, 1395
Pan American Health Organization, 1436
Puerto Rico Department of Health, 1485
San Diego County Department of Public Health, 1543
Texas A&M University, 1684
Tulane University, 1713
Tulsa City-County Health Department, 1716
University of Hawaii, 1862
Vermont Department of Health, 2126
Virgin Islands Department of Health, 2142
Virginia State College, 2156
Wisconsin Department of Health and Social Services, 2208
Wyoming Department of Health and Social Services, 2219
See also Food sanitation

Sardines

Maine Department of Agriculture, 1047
See also Fishes

Schistosomiasis

African Medical and Research Foundation, Inc., 0010
See also Parasitic diseases; Tropical diseases

Schizophrenia

Institute for Behavioral Research, Inc., 0875

Science and society

Scientists' Institute for Public Information, 1553
Society for Social Responsibility in Science, 1590

Science documentation

American Chemical Society, 0179
Oceanic Research Institute, 1369
Scandinavian Documentation Center (SCANDOC), 1548
Today Co., 1703

Science education

Alabama Academy of Science, 0117
Argonne National Laboratory, 0295
Executive Office of the President, 0661
Ohio Academy of Science, 1370
Organization of American States, 1426
Science Service, Inc., 1550
Southern Utah State College, 1631

Science--History

American Chemical Society, 0179
Botanical Society of America, Inc., 0392
Carnegie Library of Pittsburgh, 0438
Georgetown University, 0718
Linda Hall Library, 1004
Smithsonian Institution, 1564
Staten Island Institute of Arts and Sciences, 1658
University of California, Los Angeles, 1775
University of Louisville, 1905
University of Missouri at Kansas City, 1964
University of Pittsburgh, 2019
Yale University, 2225

Science information systems

Smithsonian Institution, 1583

Science policy

Executive Office of the President, 0660
The New York Academy of Sciences, 1291
See also Environmental policy

Scientists

Society for Social Responsibility in Science, 1590

Scientists--Portraits

Syracuse University, 1667

Sea lamprey control

Commerce, Department of, 0508
Great Lakes Fishery Commission, 0731
Interior, Department of the, 0904
See also Pest control

Seafood

Battelle Memorial Institute, 0366
Commerce, Department of, 0508, 0510, 0511, 0512, 0515, 0527, 0531, 0534
Environmental Protection Agency, 0654
Lehigh University, 0999
Maine Department of Sea and Shore Fisheries, 1051
Oregon Fish Commission, 1405
Texas A&M University, 1687
See also Crustacea; Mollusca; Oysters; Food

Seals (mammals)

Commerce, Department of, 0532
See also Mammals

Search and rescue

Interior, Department of the, 0919
See also Survival

Sedatives

Cleveland Psychiatric Institute, 0470
See also Psychotropic drugs

Sediment transport

Agriculture, Department of, 0101
IDRES Information Center, 0840
Texas A&M University, 1691

Sedimentation

Clemson University, 0466
Gulf Coast Research Laboratory, 0737
West Virginia University, 2193

Sediments

University of North Carolina, 1986

Seed storage

Agriculture, Department of, 0052
Association of Official Seed Analysts, 0346

Seeds

Agriculture, Department of, 0054
American Association of Cereal Chemists, Inc., 0157
American Seed Research Foundation, Inc., 0261
Association of Official Seed Analysts, 0346
Hawaii Department of Agriculture, 0757
Highland Park Herbarium, 0820
Idaho Department of Agriculture, 0835
Louisiana Department of Agriculture, 1021
Nebraska Department of Agriculture, 1254
North Carolina Department of Agriculture, 1323
Oregon State University, 1412
South Carolina Department of Agriculture, 1600
See also Oilseeds

Seismology

Research Triangle Institute, 1507
Smithsonian Institution, 1574

Semen

Maryland Department of Post Mortem Examiners, 1066
See also Reproductive system

Senses

Columbia University, 0499
Harvard University, 0755
Institute for Behavioral Research, Inc., 0875
New Jersey Bureau of Research in Neurology and Psychiatry, 1276
State University of New York, 1655
University of Pittsburgh, 2017

See also Auditory perception; Visual perception; Smell; Taste

Sensory aids

American Foundation for the Blind, 0206

Sequoia trees

California Redwood Association, 0426
See also Trees (plants)

Serology

Agriculture, Department of, 0059
American Association of Blood Banks, 0155
Arizona Department of Health, 0297
Illinois Department of Public Health, 0847
Vermont Department of Health, 2126
See also Immunology; Pathology

Sewage

American Chemical Society, 0179
Arizona Department of Health, 0299
Arkansas Water Pollution Control Association, 0308
Gulf Coast Research Laboratory, 0737
Illinois State Water Survey, 0852
Minnesota Department of Health, 1140
New Mexico Health and Social Services Department, 1284
Oceanic Research Institute, 1369
Pennsylvania State University, 1451
Purdue University, 1497
University of Florida, 1835
Washington State Department of Social and Health Services, 2165
West Virginia Health Department, 2188
See also Wastes

Sewage disposal

Army, Department of the, 0311
Montana Department of Health and Environmental Sciences, 1158
New Hampshire Water Supply and Pollution Control Commission, 1275
University of Florida, 1835

Sewage disposal--Ships

National Sanitation Foundation, 1227
Navy, Department of the, 1238

Sewage treatment

Arkansas Water Pollution Control Association, 0308
Army, Department of the, 0311
IIT Research Institute, 0841
New Hampshire Water Supply and Pollution Control Commission, 1275
New Jersey Department of Environmental Protection, 1280
Oklahoma Department of Health, 1395
Pennsylvania State University, 1455
Purdue University, 1497
Tennessee Department of Public Health, 1674

SUBJECT INDEX

University of Delaware, 1826

University of Florida, 1835

Virginia Polytechnic Institute and State University, 2155

See also Microorganism control (sewage);
Packaged sewage plants

Sex behavior

Indiana University, 0866

Sex education

Margaret Sanger Research Bureau, Inc.,
1055

Shad

Commerce, Department of, 0510

See also Fishes

Sharks

World Life Research Institute, 2217

See also Fishes

Sharp tailed grouse

National Prairie Grouse Technical
Council, 1215

See also Birds

Shellfish

Alabama Department of Conservation,
0119

Alaska Department of Fish and Game,
0124

Battelle Memorial Institute, 0366

Commerce, Department of, 0509, 0510,
0511, 0512, 0514, 0515, 0517, 0518,
0519

Connecticut Department of Agriculture
and Natural Resources, 0550

Environmental Protection Agency, 0654,
0655, 0657

Florida Department of Natural Resources,
0687

Lehigh University, 0999

Maine Department of Sea and Shore
Fisheries, 1051

Pacific Coast Oyster Growers Association,
1429

Rhode Island Department of Natural
Resources, 1511

Washington State Department of Fisheries
Library, 2164

Western Kentucky University, 2198

See also Crustacea; Mollusca; Oysters

Shellfish management

Alabama Department of Conservation,
0119

Commerce, Department of, 0514

Maine Department of Sea and Shore
Fisheries, 1051

New Hampshire Fish and Game
Commission, 1272

Oregon Fish Commission, 1405

South Carolina Wildlife Resources
Department, 1604

Shigella

Health, Education, and Welfare,
Department of, 0774

See also Bacteria

Shock (pathology)

Yeshiva University, 2228

See also Traumatic disorders

Shrubs

Norfolk Botanical Gardens, 1318

University of California, Davis, 1770

See also Plants (botany)

Silviculture

Agriculture, Department of, 0083, 0093,
0097, 0098

Forest Farmers Association Cooperative,
0694

Harvard University, 0748

Holden Arboretum, 0824

Quetico-Superior Wilderness Research
Center, 1502

Society of American Foresters, 1592

State University of New York, 1649

Texas Forest Service, 1694

University of California, Berkeley, 1757

University of Connecticut, 1815

University of Missouri at Columbia, 1962

See also Forestry; Reforestation; Trees
(plants); Horticulture

Skin (anatomy)

Air Force, Department of the, 0109

Columbia University, 0498

Excerpta Medica Foundation, 0659

Georgetown University, 0715

Harvard University, 0754

Rhode Island College, 1510

University of California, San Francisco,
1793

University of Cincinnati, 1806

Skins

University of Alaska, 1729

See also Hides; Leather

Sleep

Hibernation Information Exchange, 0819

Sonorous Breathing Research Project,
1598

Smallpox

Health, Education, and Welfare,
Department of, 0774

Smell

University of Pennsylvania, 2006

See also Senses

Smelts

Maine Department of Sea and Shore
Fisheries, 1051

See also Fishes

Smog

Chicago Department of Environmental
Control, 0456

See also Air pollution

Smoke

Chicago Department of Environmental
Control, 0456

See also Combustion products

Smoking

American Dental Association, 0197

Snakebites

Midwestern University, 1128

See also Venoms

Snakes

Miami Serpentarium Laboratories, 1104

See also Poisonous animals

Snoring

Sonorous Breathing Research Project,
1598

Soaps

Soap and Detergent Association, 1585

United States Testing Co., Inc., 1720

Social psychology

Group for the Advancement of Psychiatry,
Inc., 0733

USC, Inc., 2111

See also Psychology

Soil analysis

North Carolina Department of
Agriculture, 1324

Texas A&M University, 1689

University of California, Davis, 1768

Soil chemistry

Purdue University, 1495

Tennessee Valley Authority, 1677, 1680

University of California, Davis, 1767

University of Florida, 1837

University of Massachusetts, 1926

University of Rhode Island, 2031

Soil conservation

Agriculture, Department of, 0055, 0065,
0101, 0102

American Society of Agronomy, 0272

Bio-Dynamic Farming and Gardening
Association, Inc., 0376

Congress of the United States, 0546

Illinois Department of Agriculture, 0842

Iowa State University of Science and
Technology, 0946

Michigan State University, 1122
National Audubon Society, 1197
New Hampshire Department of
Agriculture, 1269
Soil Conservation Society of America,
1596
Soil Science Society of America, 1597
University of Montana, 1968
See also Conservation; Erosion control;
Agricultural engineering; Watershed
management; Agronomy

Soil fertility

Bio-Dynamic Farming and Gardening
Association, Inc., 0376
The Fertilizer Institute, 0675
Kansas State University, 0981
Potash Institute of North America, Inc.,
1475
University of Massachusetts, 1926
See also Fertilizers

Soil invertebrates

State University of New York, 1650
See also Invertebrates

Soil mechanics

Arizona State University, 0303
Rutgers--The State University, 1528
University of Rhode Island, 2032

Soil microbiology

Bio-Dynamic Farming and Gardening
Association, Inc., 0376
University of Arkansas, 1748
University of California, Davis, 1767
University of Massachusetts, 1929
University of Wisconsin, 2088
See also Microbiology

Soil physics

Iowa State University of Science and
Technology, 0953
University of California, Davis, 1767
University of Massachusetts, 1926

Soil pollution

Agriculture, Department of, 0069
Oceanic Research Institute, 1369
Rutgers--The State University, 1522
University of Washington, 2077
Vermont Department of Water Resources,
2127
See also Pollution

Soil science

Agricultural Research Center, Inc., 0011
Agriculture, Department of, 0069, 0099
American Society of Agronomy, 0272
Colorado State University, 0484
Iowa State University of Science and
Technology, 0946, 0952
Kansas State University, 0976
Linda Hall Library, 1004

Mississippi State University, 1150
New Mexico State University, 1288
North Carolina State University at Raleigh,
1334
Purdue University, 1497
Sam Houston State University, 1539
Soil Science Society of America, 1597
South Dakota State University, 1612
Texas A&M University, 1688
University of Alaska, 1729
University of California, Riverside, 1782
University of Connecticut, 1815, 1818
University of Florida, 1845
University of Hawaii, 1857, 1859, 1863
University of Illinois, 1871
University of Maine, 1909, 1911
University of Minnesota, 1954
University of Missouri at Kansas City, 1964
University of New Hampshire, 1982
University of Vermont, 2065
Washington State University, 2172
West Virginia University, 2194
Wisconsin State University, Platteville,
2211

Soil surveys

University of California, Berkeley, 1750
University of California, Davis, 1767

Soil tests

North Carolina Department of
Agriculture, 1324
United States Testing Co., Inc., 1720

Soil water

Auburn University, 0356
Michigan State University, 1121
Oregon State University, 1424
Tennessee Valley Authority, 1679
University of California, Davis, 1768
University of Florida, 1835
University of Wisconsin, 2099

Soils

Agriculture, Department of, 0101, 0102
American Forestry Association, 0204
Army, Department of the, 0321
Auburn University, 0353
Clemson University, 0466
Congress of the United States, 0546
Connecticut Agricultural Experiment
Station, 0547
Connecticut Department of Agriculture
and Natural Resources, 0550
Massachusetts Department of Natural
Resources, 1074
Michigan Technological University, 1123
Montana State University, 1162
Purdue University, 1491
South Dakota State University, 1613
University of Arizona, 1733
University of California, Berkeley, 1757
University of California, Riverside, 1785

University of Connecticut, 1818
University of Florida, 1838, 1841, 1842
University of Idaho, 1868
University of Illinois, 1877
University of Kentucky, 1896, 1901
University of Maine, 1913
University of Nevada, 1977
University of New Hampshire, 1979, 1981
University of Puerto Rico, 2022
University of Rhode Island, 2025, 2031
University of Wisconsin, 2102
University of Wyoming, 2109
Wisconsin State University, River Falls,
2212
See also Forest soils; Land

Solid wastes

Alaska Department of Environmental
Conservation, 0123
Arizona Department of Health, 0299
Columbia University, 0500
Cornell University, 0556
Environmental Protection Agency, 0640
Gulf South Research Institute, 0740
Minnesota Pollution Control Agency, 1142
New York State Department of
Environmental Conservation, 1301
Oceanic Research Institute, 1369
Polytechnic Institute of Brooklyn, 1472
Tulane University, 1713
West Virginia Health Department, 2188
See also Industrial wastes; Wastes

Solvents

United States Testing Co., Inc., 1720

Sonar

Navy, Department of the, 1246
See also Echolocation

Sonic boom

Committee for Environmental
Information, 0541
Institute of Environmental Sciences, 0884
See also Noise (sound)

Sounding rockets

Aerojet-General Corp., 0007
See also Spacecraft

Soybeans

National Soybean Crop Improvement
Council, 1233
See also Farm crops

Spacecraft

Aerojet-General Corp., 0007
American Astronautical Society, 0169
American Institute of Aeronautics and
Astronautics, 0215
National Aeronautics and Space
Administration, 1183, 1185
See also Artificial satellites; Sounding
rockets

SUBJECT INDEX

Spacecraft environments

Institute of Environmental Sciences, 0884
Mine Safety Appliances Co. Library, 1136
See also Aerospace life support systems

Spectroscopy

The Claremont Colleges, 0464
Ensian Physicochemical Institute, 0638
Western Kentucky University, 2198

Speech

American Speech and Hearing
Association, 0283
Gallaudet College, 0705
Johns Hopkins University, 0967
National Association of Hearing and
Speech Agencies, 1195
University of Virginia, 2072

Speech disorders

American Speech and Hearing
Association, 0283
Boston University, 0387
Central Institute for the Deaf, 0449
Gallaudet College, 0705
Idaho State University Library, 0839
Institute for Behavioral Research, Inc.,
0875
Johns Hopkins University, 0967
National Association of Hearing and
Speech Agencies, 1195
University of Virginia, 2072
See also Nervous system disorders

Speech therapy

American Association for Rehabilitation
Therapy, Inc., 0151
Central Institute for the Deaf, 0449

Spillways

South Dakota Department of Game, Fish,
and Parks, 1606

Spinal cord

University of Vermont, 2063
See also Nervous system

Sport fishing

Alabama Department of Conservation,
0119
Arkansas Game and Fish Commission,
0305
Auburn University, 0354
Connecticut Department of Agriculture
and Natural Resources, 0550
Interior, Department of the, 0913
Mississippi Game and Fish Commission,
1145
Missouri Department of Conservation,
1153
Ohio Department of Natural Resources,
1374
Sport Fishing Institute, 1635
University of Maryland, 1915

Utah Department of Natural Resources,
2115

Utah State University, 2122

Virginia Commission of Game and Inland
Fisheries, 2143

Virginia Institute of Marine Science, 2149
See also Fishing

Sports

Nebraska Game and Parks Commission,
1256
Virginia Commission of Game and Inland
Fisheries, 2143

Sports medicine

American College of Sports Medicine,
0187
American Medical Association, 0229
See also Stress physiology

Staphylococcus

Health, Education, and Welfare,
Department of, 0774
See also Bacteria

Starches

Grain Processing Corp., 0729
See also Nutrients

Sterility

New York State Department of Health,
1304

Sterilization

American Association for Contamination
Control, 0147

Steroids

Creighton University, 0574
Drexel University, 0613
Mason Research Institute, 1069
Wadley Institutes of Molecular Medicine,
2157
Worcester Foundation for Experimental
Biology, 2215
See also Hormones

Storm erosion

Smithsonian Institution, 1574
See also Erosion

Storm surges

Smithsonian Institution, 1574

Streams

Arkansas Pollution Control Commission,
0306
Oklahoma Department of Health, 1395
Oregon State University, 1424
University of Massachusetts, 1929
See also Water resources; Waterways
(watercourses)

Streptococcus

Health, Education, and Welfare,
Department of, 0774
See also Bacteria

Stress

National Science Foundation, 1229

Stress physiology

Air Force, Department of the, 0110, 0113
Army, Department of the, 0322
Biosciences Information Service of
Biological Abstracts, 0381
E. I. du Pont de Nemours and Co., Inc.,
0624
Harvard University, 0753
Health, Education, and Welfare,
Department of, 0772, 0814
Hibernation Information Exchange, 0819
Johns Hopkins University, 0963
Kansas State University, 0979
Long Island University, 1008
National Aeronautics and Space
Administration, 1184
Navy, Department of the, 1244, 1245,
1250
Transportation, Department of, 1706
University of Alaska, 1730
University of California, Santa Barbara,
1798
University of Nevada, 1975
University of Rhode Island, 2029
University of Wisconsin, 2092
See also Aerospace medicine; Barotaxis;
Bioastronautics; Fatigue (biology);
Hypertension; Physiology; Sports
medicine

Stress psychology

Air Force, Department of the, 0113
Health, Education, and Welfare,
Department of, 0810
Kansas State University, 0979
National Aeronautics and Space
Administration, 1186
University of Wisconsin, 2092
Utah State University, 2120
See also Psychology

Striped bass

Commerce, Department of, 0510
See also Fishes

Sugar beets

American Society of Sugar Beet
Technologists, 0281
See also Vegetables

Sugar cane

Louisiana State University, 1033
See also Farm crops

Sugars

Grain Processing Corp., 0729
Louisiana State University, 1033
See also Nutrients

Surfactants

California State College at Los Angeles, 0431
Diamond Shamrock Chemical Co., 0603
Economics Laboratory, Inc., 0632
University of Tennessee, 2047

Surgery

Air Force, Department of the, 0109
American Board of Colon and Rectal Surgery, Inc., 0172
American College of Surgeons, 0188
American Society of Abdominal Surgeons, 0270
Army, Department of the, 0324, 0328
Audio-Digest Foundation, 0357
Beekman-Downtown Hospital Library, 0371
Blodgett Memorial Hospital Medical Library, 0382
Brown University, 0406
Columbia University, 0498
Duke University, 0618
Excerpta Medica Foundation, 0659
Eye Research, Inc., 0663
Health, Education, and Welfare, Department of, 0786
Hertzer Research Foundation Library, 0818
Kingsbrook Jewish Medical Center, 0992
Medical and Chirurgical Faculty of the State of Maryland Library, 1091
Navy, Department of the, 1237, 1243
Ohio State University, 1381
Southern Surgeons Club, 1630
University of Missouri at Kansas City, 1963
University of Notre Dame, 1991
University of Pennsylvania, 2004
University of Texas at Houston, 2056
Veterans Administration, 2135, 2140
Yale University, 2227
See also Plastic surgery

Surgical transplantation

African Medical and Research Foundation, Inc., 0010
American College of Surgeons, 0188
International Eye Foundation, 0931
See also Implantation

Survival

Air Force, Department of the, 0108, 0113
National Aeronautics and Space Administration, 1186
See also Search and rescue

Swimming pools

National Sanitation Foundation, 1227
See also Water treatment

Syphilis

Health, Education, and Welfare, Department of, 0774
See also Public health

Systemic ocular lesions

Washington University, St. Louis, 2175
See also Eye diseases

Taste

University of Pennsylvania, 2006
See also Senses

Taxidermy

Frontier Taxidermists, Inc., 0703

Technical assistance

Army, Department of the, 0321
See also Economic development

Technological development

Society for Social Responsibility in Science, 1590
See also Economic development

Temperature control

Kansas State University, 0979
See also Controlled environments

Teratism

Battelle Memorial Institute, 0365
The Teratology Society, 1681
University of Cincinnati, 1804
University of Iowa, 1883
See also Congenital abnormalities

Terrestrial productivity

National Research Council, 1222
See also Biological productivity

Textiles

University of Wisconsin, 2086

Therapy

Loyola University of Chicago, 1043
University of Florida, 1831

Thoracic diseases

American College of Chest Physicians, 0181
American Medical Center at Denver, 0231
American Thoracic Society, 0284
Excerpta Medica Foundation, 0659
See also Respiratory diseases

Thyromimetics

Travenol Laboratories, Inc., 1708

Ticks

Health, Education, and Welfare, Department of, 0807

Smithsonian Institution, 1570

University of California, Berkeley, 1756
See also Arachnida

Time series analysis

Foundation for the Study of Cycles, Inc., 0700

Tissue culture

American Medical Center at Denver, 0231
Carnegie Institution of Washington, 0436
Institute for Medical Research, 0878
Microbiological Associates, Inc., 1124
Southwestern Clinic and Research Institute, Inc., 1633
Tissue Culture Association, 1700, 1701
University of Arizona, 1735
University of Montana, 1969
University of Rhode Island, 2031
Veterans Administration, 2133
See also Virology

Tissues (biology)

Columbia University, 0497
Eastern Washington State College, 0631
See also Exotic animal tissues; Connective tissue

Tobacco

Agriculture, Department of, 0015
American Tobacco Co., 0285
Connecticut Agricultural Experiment Station, 0547
Council for Tobacco Research--U.S.A., 0568
Health, Education, and Welfare, Department of, 0790
North Carolina State University at Raleigh, 1330, 1337
Tobacco Growers' Information Committee, Inc., 1702
University of Kentucky, 1896
University of Tennessee, 2045
Virginia Polytechnic Institute and State University, 2150
See also Farm crops

Tobacco industry

Tobacco Growers' Information Committee, Inc., 1702

Toxic dinoflagellata

Commerce, Department of, 0516
Environmental Protection Agency, 0654
Florida Department of Natural Resources, 0687
Texas A&M University, 1687
See also Plankton blooms; Food poisoning

Toxic tolerances

National Aeronautics and Space Administration, 1184
Navy, Department of the, 1250
See also Drug tolerance

SUBJECT INDEX

Toxicity

Agriculture, Department of, 0099
 American Chemical Society, 0179
 Carnegie-Mellon University, 0439
 Gulf South Research Institute, 0738
 Medical University of South Carolina, 1096
 Midwest Research Institute, 1126
 Oceanic Research Institute, 1369
 University of Chicago, 1802
 University of Rochester, 2033

Toxicologic analysis

Air Force, Department of the, 0107
 Alabama Department of Toxicology and Criminal Investigation, 0121
 American Academy of Forensic Sciences, 0139
 Defense, Department of, 0584
 Harrisburg Hospital, 0745
 Hektoen Institute for Medical Research, 0816
 International Association for Identification, 0927
 International Reference Organization in Forensic Medicine (INFORM), 0934
 Maryland Department of Post Mortem Examiners, 1066
 Midwest Research Institute, 1126
 New York City Office of the Chief Medical Examiner, 1294
 Philadelphia Department of Public Health, 1463
 Portland (Oreg.) Police Crime Laboratory, 1474
 University of California, San Francisco, 1792
 University of Oklahoma, 1995
 University of Washington, 2083
 Virginia Department of Health, 2148
 William Beaumont General Hospital, 2204

Toxicology

Agriculture, Department of, 0022, 0024, 0064, 0099
 Air Force, Department of the, 0107, 0112
 Alabama Department of Toxicology and Criminal Investigation, 0121
 American Academy of Clinical Toxicology, 0136
 American Chemical Society, 0179
 American Industrial Hygiene Association, 0214
 American Medical Association, 0226, 0227
 Army, Department of the, 0310, 0312, 0313, 0315
 Biosciences Information Service of Biological Abstracts, 0381
 Blodgett Memorial Hospital Medical Library, 0382
 Brookdale Hospital Center, 0398
 Brown University, 0406

California Department of Public Health, 0421
 Carver Research Foundation of Tuskegee Institute, 0441
 Catholic Hospitals Medical Education Foundation, 0443
 Commerce, Department of, 0515, 0517
 Dartmouth College, 0582
 District of Columbia Department of Human Resources, 0607
 Duke University, 0622
 E. I. du Pont de Nemours and Co., Inc., 0624
 Environmental Protection Agency, 0642
 Excerpta Medica Foundation, 0659
 George Washington University, 0714
 Gulf South Research Institute, 0740
 Harrisburg Hospital, 0745
 Health, Education, and Welfare, Department of, 0770, 0782, 0814
 Hektoen Institute for Medical Research, 0816
 Illinois Veterinary Diagnostic Laboratory, 0853
 Institute for Scientific Information, 0882
 International Society on Toxinology, 0936
 The John Crerar Library, 0961
 Johns Hopkins University, 0963
 Maryland Department of Post Mortem Examiners, 1066
 Mason Research Institute, 1069
 Mead Johnson and Co., 1088
 Midwestern University, 1128
 Minnesota Department of Health, 1140
 National Aeronautics and Space Administration, 1184
 National Environmental Health Association, 1206
 National Research Council, 1223
 Navy, Department of the, 1245
 New York Academy of Medicine Library, 1290
 North Carolina State University at Raleigh, 1335
 Pfizer, Inc., 1457
 Pharmaco-Medical Documentation, 1459
 Pharmacology Research, Inc., 1460
 Philadelphia Department of Public Health, 1463
 Public Health Research Institute of the City of New York, Inc., 1482
 Purdue University, 1493
 Society of Toxicology, Inc., 1594
 Stanford University, 1640
 Today Co., 1703
 University of California, Davis, 1769
 University of California, Los Angeles, 1773
 University of California, San Francisco, 1792
 University of Chicago, 1801
 University of Cincinnati, 1804, 1806

University of Colorado, 1809
 University of Iowa, 1883, 1886
 University of Kansas, 1892
 University of Michigan, 1945
 University of Minnesota, 1948
 University of Mississippi, 1959
 University of Montana, 1969
 University of New Hampshire, 1983
 University of Oklahoma, 1993
 University of Rochester, 2033
 University of Tennessee, 2043
 University of Texas at Dallas, 2052
 University of Texas at Galveston, 2054
 University of Washington, 2083
 Vanderbilt University, 2123
 William Beaumont General Hospital, 2204
 World Life Research Institute, 2217
 Yale University, 2227
See also Hazardous materials; Poisoning

Toxins

Army, Department of the, 0315
 Health, Education, and Welfare, Department of, 0807
 International Society on Toxinology, 0936
 Johns Hopkins University, 0963
 Milwaukee Public Museum, 1135
 Navy, Department of the, 1252
 University of New Hampshire, 1983
 University of Wisconsin, 2090
See also Aflatoxins; Marine toxins; Mycotoxins

Trace elements

Carver Research Foundation of Tuskegee Institute, 0441
 Purdue University, 1495
 University of Cincinnati, 1804
See also Nutrients

Trace metals

New York University, 1314

Trapping

Virginia Commission of Game and Inland Fisheries, 2143

Traumatic disorders

American College of Surgeons, 0188
 Army, Department of the, 0328
 Beekman-Downtown Hospital Library, 0371
See also Shock (pathology)

Tree growth

University of Colorado, 1810
See also Growth

Trees (plants)

Agriculture, Department of, 0081, 0083
 American Association of Botanical Gardens and Arboreta, 0156
 American Forestry Association, 0204
 Eastern Washington State College, 0631

SUBJECT INDEX

Elan Memorial Park Corp., 0633
Holden Arboretum, 0824
Hoyt Arboretum, 0831
Los Angeles State and County Arboretum, 1019
Massachusetts Department of Natural Resources, 1076
Pennsylvania State University, 1453
State University of New York, 1651
University of Arizona, 1742
University of California, Berkeley, 1757
University of California, Davis, 1770
University of Missouri at Columbia, 1962
Vermont Agency of Environmental Conservation, 2125
See also Forest trees; Silviculture; Wood; Sequoia trees

Tropical diseases

Canal Zone Government, 0433
Gorgas Memorial Institute of Tropical and Preventive Medicine, Inc., 0727
Pan American Health Organization, 1437
University of California, San Francisco, 1796
See also Schistosomiasis; Yellow fever

Tropical plants

Fairchild Tropical Garden, 0665
Longwood Gardens, 1010
United States Botanic Garden, 1719
University of Miami, 1932
See also Plants (botany)

Tropical regions

Air Force, Department of the, 0113
Organization for Tropical Studies, Inc., 1425
Smithsonian Institution, 1584

Trout

Interior, Department of the, 0915
Trout Unlimited, 1709
U.S. Trout Farmers Association, 1721
See also Fishes

Trypanosomiasis

African Medical and Research Foundation, Inc., 0010
See also Parasitic diseases

Trypetidae

University of California, Berkeley, 1753
See also Insects

Tuberculin

University of Illinois, 1879

Tuberculosis

African Medical and Research Foundation, Inc., 0010
Army, Department of the, 0330
Excerpta Medica Foundation, 0659

Health, Education, and Welfare, Department of, 0807
National Tuberculosis and Respiratory Disease Association, 1234
University of Illinois, 1879
University of Maryland, 1920
Vermont Department of Health, 2126
See also Respiratory diseases

Tunas

Commerce, Department of, 0513, 0529
See also Fishes

Turbidity

Gulf Coast Research Laboratory, 0737
See also Water quality

Turf grasses

Crop Science Society of America, 0575
Golf Course Superintendents Association of America, 0726
Iowa State University of Science and Technology, 0949
University of California, Riverside, 1781
University of Rhode Island, 2031
See also Grasses

Turtles

Caribbean Conservation Corp., 0434
University of Utah, 2059
See also Reptiles

Twins

University of Louisville, 1906

Underdeveloped areas

Agriculture, Department of, 0069

Underwater life support systems

Institute of Environmental Sciences, 0884
Navy, Department of the, 1244, 1250
See also Life support systems

Urban planning

Army, Department of the, 0321
Kansas State University, 0983
Polytechnic Institute of Brooklyn, 1472
Resources for the Future, Inc., 1508
University of California, Berkeley, 1754
See also Regional planning

Urgent anthropology

Smithsonian Institution, 1574
See also Anthropology

Urochorda

University of Rhode Island, 2027
See also Marine organisms

Urologic diseases

Air Force, Department of the, 0109
Army, Department of the, 0328
Georgetown University, 0717
National Kidney Foundation, 1211

New York State Department of Health, 1306

Urology

Air Force, Department of the, 0109
Columbia University, 0498
Excerpta Medica Foundation, 0659
See also Kidney

Vaccines

Auburn University, 0355
See also Immunology

Vector control

California Department of Public Health, 0415, 0420
Colorado Department of Public Health, 0476
District of Columbia Department of Human Resources, 0604
Fulton County (Ga.) Health Department, 0704
Gorgas Memorial Institute of Tropical and Preventive Medicine, Inc., 0727
Los Angeles County Health Department, 1013
Oklahoma Department of Health, 1395
Pan American Health Organization, 1438
Tennessee Valley Authority, 1678
Virgin Islands Department of Health, 2142
See also Disease vectors; Pest control

Vegetable crops

Cornell University, 0563
Ohio Vegetable and Potato Growers Association, 1391
Oklahoma State University, 1400
University of California, Riverside, 1781
University of Illinois, 1877

Vegetable oils

Agriculture, Department of, 0065
Diamond Shamrock Chemical Co., 0603
Sunkist Growers, Inc., 1665
See also Oilseeds; Agricultural products

Vegetables

Agriculture, Department of, 0015, 0057, 0065
American Society for Horticultural Science, 0264
Idaho Department of Agriculture, 0835
Oklahoma State University, 1400
United Fresh Fruit and Vegetable Association Library, 1717
University of Arizona, 1737
University of Georgia, 1849
See also Beans; Potatoes; Farm crops; Sugar beets; Food

Venoms

Arizona State University, 0302, 0303
International Society on Toxinology, 0936
Miami Serpentarium Laboratories, 1104

SUBJECT INDEX

Midwestern University, 1128
Navy, Department of the, 1250
See also Poisonous animals; Snakebites

Ventilation

American Conference of Governmental
Industrial Hygienists, 0191
American Industrial Hygiene Association,
0214

Vertebrate paleontology

Society of Vertebrate Paleontology, 1595
University of California, Los Angeles,
1775
University of Wisconsin, 2103
See also Paleontology

Vertebrates

Carnegie Museum, 0440
Overton Park Zoo (Memphis), 1427
Smithsonian Institution, 1570
State University of New York, 1645
University of California, Berkeley, 1763
University of Kansas, 1889
University of Kentucky, 1899
University of Michigan, 1944
University of Minnesota, 1955
University of Utah, 2059
University of Wisconsin, 2103
See also Birds; Fishes; Herpetology;
Mammals

Veterinarians

Connecticut Department of Agriculture
and Natural Resources, 0550
Louisiana Veterinary Medical Association,
1037
Women's Veterinary Medical Association,
2214

Veterinary biopsy

Utah Department of Agriculture, 2114

Veterinary diagnosis

Florida Department of Agriculture, 0680
Iowa State University of Science and
Technology, 0944

Veterinary drugs

Animal Health Institute, 0291
Association of American Feed Control
Officials, 0342
Ohio State University, 1389
Philips Roxane, Inc., 1464
See also Drugs; Immobilizing drugs

Veterinary education

Louisiana Veterinary Medical Association,
1037

Veterinary medicine

Agriculture, Department of, 0059, 0061,
0064, 0099
Air Force, Department of the, 0109, 0112

American Association of Avian
Pathologists, Inc., 0153
American Association of Medical Milk
Commissions, Inc. and Certified Milk
Producers Association of America, Inc.,
0162
American Society of Veterinary
Ophthalmology, 0282
Arkansas Agricultural Experiment Station,
0304
Army, Department of the, 0315, 0326
Association of State Public Health
Veterinarians, 0349
Auburn University, 0353
Biosciences Information Service of
Biological Abstracts, 0381
Canal Zone Government, 0433
Colorado State University, 0481, 0484
Cornell University, 0565, 0566
Denver Medical Society Library, 0595
Detroit Zoological Park, 0602
Health, Education, and Welfare,
Department of, 0814
Illinois Department of Agriculture, 0842
Iowa State University of Science and
Technology, 0950, 0952
Kansas State University, 0975, 0980, 0983
Lilly Research Laboratories, 1003
Louisiana Department of Agriculture,
1021, 1023
Louisiana State University, 1029, 1030
Louisiana Tech University, 1035
Louisiana Veterinary Medical Association,
1037
Maine Department of Agriculture, 1047
Massachusetts Department of Agriculture,
1072
Medical Library Center of New York,
1093
Michigan State University, 1122
Montana State University, 1162
Morris Animal Foundation, 1164
Nevada Department of Agriculture, 1258
New Hampshire Department of
Agriculture, 1269
New York State Department of Health,
1305, 1306
New York State Medical Library, 1309
Ohio Agricultural Research and
Development Center, 1371
Ohio State University, 1389
Oklahoma State University, 1399
Pennsylvania State University, 1454
Pfizer, Inc., 1457
Philips Roxane, Inc., 1464
Purdue University, 1496
Ralston Purina Co., 1504
Rhode Island Medical Society Library,
1512
Roeding Park Zoo, 1515
Smithsonian Institution, 1572

South Dakota State University, 1613, 1614
Texas A&M University, 1688, 1690
Texas Department of Health, 1692
University of Arizona, 1733, 1736
University of California, Riverside, 1779
University of Idaho, 1868
University of Illinois, 1881
University of Kentucky, 1898, 1901
University of Maryland, 1916
University of Massachusetts, 1927, 1930
University of Michigan, 1946
University of Minnesota, 1953, 1956, 1957
University of Missouri at Columbia, 1961
University of Nevada, 1976
University of Pennsylvania, 2012
University of Wisconsin, 2095, 2102
University of Wyoming, 2109
Utah Department of Agriculture, 2114
Utah State University, 2119
Veterans Administration, 2139
Washington State Department of
Agriculture, 2163
Washington State University, 2172
Worcester Foundation for Experimental
Biology, 2215
Zoological Society of San Diego, 2229
See also Animal diseases; Zoonoses

Veterinary parasitology

Agriculture, Department of, 0058, 0060
American Association of Veterinary
Parasitologists, 0167
Interior, Department of the, 0901
North Carolina State University at Raleigh,
1329

Veterinary pathology

Association of Official Racing Chemists,
0345
Cornell University, 0564
Health, Education, and Welfare,
Department of, 0770
Illinois Veterinary Diagnostic Laboratory,
0853
Michigan Department of Natural
Resources, 1112
Michigan State University, 1120
Oregon State University, 1411
Smithsonian Institution, 1572
South Dakota State University, 1614
Texas A&M University, 1684
University of Arizona, 1736
University of California, Riverside, 1784
University of Connecticut, 1818
University of Rhode Island, 2031
Zoological Society of San Diego, 2230

Veterinary pharmacology

Association of Official Racing Chemists,
0345
Cornell University, 0564
Oklahoma State University, 1398
Pfizer, Inc., 1456

SUBJECT INDEX

Texas A&M University, 1684
University of Minnesota, 1949
Washington State University, 2169

Vibrio

Georgetown University, 0715
See also Microbiology

Viral neoplasms

Oklahoma Medical Research Foundation, 1397
Public Health Research Institute of the City of New York, Inc., 1482
See also Neoplasms

Virology

Agriculture, Department of, 0046
American Committee on Arthropod-Borne Viruses, 0190
Arizona State University, 0303
Army, Department of the, 0315
Battelle Memorial Institute, 0365
Baylor University, 0369
Biosciences Information Service of Biological Abstracts, 0381
The Claremont Colleges, 0464
Colorado Department of Public Health, 0476
Colorado State University, 0484
Excerpta Medica Foundation, 0659
Glassboro State College, 0725
Health, Education, and Welfare, Department of, 0807
Illinois Department of Public Health, 0847
Institute for Medical Research, 0878
Louisiana Tech University, 1035
Microbiological Associates, Inc., 1124
National Foundation, 1207
Navy, Department of the, 1243
New York State Department of Health, 1305
Public Health Research Institute of the City of New York, Inc., 1482
Tissue Culture Association, 1701
University of California, San Francisco, 1796
University of Florida, 1829
University of Miami, 1931
University of Montana, 1967
University of Notre Dame, 1991
University of Pennsylvania, 2002
University of Vermont, 2061
Vermont Department of Health, 2126
Wistar Institute of Anatomy and Biology, 2213
Zoological Society of San Diego, 2230
See also Microbiology; Tissue culture

Viruses

Adelphi University, 0005
American Committee on Arthropod-Borne Viruses, 0190
American Phytopathological Society, 0250

American Type Culture Collection, 0286
Cornell University, 0566
Emory University, 0635
Health, Education, and Welfare, Department of, 0774
Illinois Department of Public Health, 0847
Microbiological Associates, Inc., 1124
Navy, Department of the, 1241
Southern Research Institute, 1629
University of California, Berkeley, 1760
University of North Dakota, 1990
University of Rhode Island, 2026
University of Wisconsin, 2088

Visual defects

Washington University, St. Louis, 2175

Visual perception

American Optometric Association, 0241
Army, Department of the, 0326
Brandeis University, 0396
Fight for Sight, Inc., 0677
Florida State University, 0692
Health, Education, and Welfare, Department of, 0804
Los Angeles College of Optometry Library, 1011
National Research Council, 1218
Navy, Department of the, 1244
Ohio State University, 1382, 1388
Retina Foundation, 1509
University of California, Berkeley, 1758
University of California, San Diego, 1791
Wills Eye Hospital and Research Institute, 2206
See also Eye (anatomy); Senses

Vital statistics

Arizona Department of Health, 0297
Association for Health Records, 0336
California Department of Public Health, 0415
Hawaii Department of Health, 0758
Health and Hospital Corp. of Marion County, Ind., 0764
Idaho Department of Health, 0836
Maryland Department of Health and Mental Hygiene, 1061
Michigan Department of Public Health, 1114
National Association of Coroners, 1193
New Mexico Health and Social Services Department, 1283
New York Academy of Medicine Library, 1290
Oregon State Board of Health, 1409
Pan American Health Organization, 1438
San Diego County Department of Public Health, 1543
South Carolina State Board of Health, 1602
South Dakota Department of Health, 1607
Vermont Department of Health, 2126

Washington State Department of Social and Health Services, 2165
Wisconsin Department of Health and Social Services, 2208

Vitamins

Diamond Shamrock Chemical Co., 0603
Grain Processing Corp., 0729
Pfizer, Inc., 1457
University of California, Berkeley, 1751
See also Nutrients

Viticulture

American Society of Enologists, 0274
American Wine Association, 0289
Wine Institute, 2207
See also Fruits; Horticulture; Winemaking

Waste disposal

Alaska Department of Environmental Conservation, 0123
Clemson University, 0466
Colorado State University, 0492
Columbia University, 0500
District of Columbia Department of Sanitary Engineering, 0608
Midwest Research Institute, 1127
Nebraska Department of Health, 1255
New Mexico Health and Social Services Department, 1285
Oceanic Research Institute, 1369
Pennsylvania Department of Environmental Resources, 1445
Tennessee Valley Authority, 1678
University of Arkansas, 1748
University of Denver, 1827
Virgin Islands Department of Health, 2142
Wyoming Department of Health and Social Services, 2219
See also Radioactive waste disposal

Waste treatment

Arkansas Pollution Control Commission, 0306
Colorado Department of Public Health, 0478
Connecticut Department of Health, 0551
Delaware Water and Air Resources Commission, 0594
Environmental Protection Agency, 0645, 0651, 0653, 0656
Georgia Water Quality Control Board, 0724
Illinois Institute of Technology, 0849
Illinois State Water Survey, 0852
Michigan State University, 1121
Minnesota Department of Health, 1140
Minnesota Pollution Control Agency, 1142
New Mexico Health and Social Services Department, 1285
Oceanic Research Institute, 1369
Ohio River Valley Water Sanitation Commission, 1375

SUBJECT INDEX

- Oklahoma Department of Health, 1395
Polytechnic Institute of Brooklyn, 1472
Research Triangle Institute, 1507
Rice University, 1513
Southern Research Institute, 1629
Tennessee Department of Public Health, 1674
Tulane University, 1713
University of Alaska, 1731
University of Delaware, 1826
University of Louisville, 1908
University of Minnesota, 1958
University of Wisconsin, 2099
Washington State University, 2171
- Waste water**
Arizona Department of Health, 0299
Auburn University, 0356
California Institute of Technology, 0424
Florida Department of Health and Rehabilitative Services, 0684
New Mexico Health and Social Services Department, 1284, 1285
Oceanic Research Institute, 1369
Pennsylvania State University, 1451
Polytechnic Institute of Brooklyn, 1472
Tennessee Valley Authority, 1678
University of Delaware, 1826
University of Florida, 1835
University of Massachusetts, 1929
University of Rhode Island, 2032
- Wastes**
Colorado State University, 0492
Environmental Protection Agency, 0656
Minnesota Department of Health, 1140
See also Industrial wastes; Solid wastes; Radioactive wastes; Sewage; Sanitary engineering
- Water analysis**
Alabama Department of Conservation, 0119
Arizona Department of Health, 0297
Arkansas Pollution Control Commission, 0306
Arkansas Water Pollution Control Association, 0308
Bio-Sciences Laboratories, 0377
Environmental Protection Agency, 0653
Mississippi Game and Fish Commission, 1145
New Mexico Health and Social Services Department, 1285
Ohio River Valley Water Sanitation Commission, 1375
Oklahoma Department of Health, 1395
Pennsylvania Department of Environmental Resources, 1445
South Dakota State University, 1614
State University of New York, 1647
United States Testing Co., Inc., 1720
University of California, Davis, 1768
- University of Florida, 1835
Wyoming Department of Health and Social Services, 2219
- Water chemistry**
Auburn University, 0354, 0356
California Institute of Technology, 0424
Commerce, Department of, 0507
Emswiler Physicochemical Institute, 0638
Environmental Protection Agency, 0648, 0653
IIT Research Institute, 0841
Interior, Department of the, 0909
New Mexico Highlands University, 1286
Ohio River Valley Water Sanitation Commission, 1375
Rhode Island Department of Natural Resources, 1511
University of Delaware, 1826
University of Florida, 1835
University of Louisville, 1908
University of Massachusetts, 1929
University of Minnesota, 1958
University of Rhode Island, 2032
University of Tennessee, 2047
University of Wisconsin, 2098, 2099
Wyoming Department of Agriculture, 2218
- Water conservation**
Agriculture, Department of, 0055, 0101, 0102
American Fisheries Society, 0202
Arkansas State Department of Health, 0307
Auburn University, 0354
California Institute of Technology, 0424
Commerce, Department of, 0520
Congress of the United States, 0546
Denver Public Library, 0597
Illinois Department of Agriculture, 0842
Lubbock City-County Health Department, 1044
Oklahoma State University, 1401
Pennsylvania State University, 1455
Soil Science Society of America, 1597
Sport Fishing Institute, 1635
State, Department of, 1642
University of Florida, 1835
University of Hawaii, 1864
University of Montana, 1968
University of New Hampshire, 1983
Washington State Department of Fisheries Library, 2164
See also Conservation; Evaporation control
- Water distribution**
Oregon State University, 1424
Pennsylvania State University, 1451
- Water filters**
National Sanitation Foundation, 1227
- Water flow**
Illinois State Water Survey, 0852
Oklahoma State University, 1401
Oregon State University, 1424
University of Minnesota, 1958
- Water law**
California Institute of Technology, 0424
IDRES Information Center, 0840
Iowa State University of Science and Technology, 0953
Missouri Department of Conservation, 1153
Ohio State University, 1390
Oregon State University, 1424
University of Delaware, 1826
University of Florida, 1835
University of Idaho, 1870
University of Minnesota, 1958
University of Tennessee, 2047
University of Wisconsin, 2099
Virginia Polytechnic Institute and State University, 2155
Washington State University, 2171
See also Environmental law; Water rights
- Water loss**
Kansas State University, 0982
- Water pollution**
Agriculture, Department of, 0069
Alabama Department of Conservation, 0119
American Chemical Society, 0179
American Fisheries Society, 0202
American Medical Association, 0227
American Society for Microbiology, 0266
Antioch College, 0293
Aquatic Research Institute, 0294
Arkansas Pollution Control Commission, 0306
Arkansas Water Pollution Control Association, 0308
Army, Department of the, 0332
Auburn University, 0356
Battelle Memorial Institute, 0363, 0365, 0366
Bio-Sciences Laboratories, 0377
California Department of Public Health, 0419
California Institute of Technology, 0424
California Resources Agency, 0430
California State College at Los Angeles, 0431
Clemson University, 0466
Colorado Department of Public Health, 0476
Commerce, Department of, 0533, 0535
Committee for Environmental Information, 0541
Connecticut Department of Health, 0551
Delaware Water and Air Resources Commission, 0594

Economics Laboratory, Inc., 0632
 Environmental Protection Agency, 0640, 0645, 0647, 0648, 0651, 0652, 0653, 0654
 Florida Department of Health and Rehabilitative Services, 0684
 Fulton County (Ga.) Health Department, 0704
 Georgia Water Quality Control Board, 0724
 Great Lakes Commission, 0730
 Gulf Coast Research Laboratory, 0737
 IDRES Information Center, 0840
 IIT Research Institute, 0841
 Illinois State Water Survey, 0852
 Institute of Environmental Sciences, 0884
 Interior, Department of the, 0891, 0892, 0906, 0908, 0909, 0914
 International Association on Water Pollution Research, 0928
 Interstate Sanitation Commission, 0937
 Iowa Department of Health, 0943
 Kansas State University, 0982
 Lehigh University, 0999
 Louisiana Department of Agriculture, 1021
 Lubbock City-County Health Department, 1044
 Maryland Department of Health and Mental Hygiene, 1060, 1064
 Michigan Department of Natural Resources, 1111
 Michigan State University, 1121
 Midwest Research Institute, 1127
 Milieu Information Service, 1130
 Minnesota Pollution Control Agency, 1142
 Missouri Department of Conservation, 1153
 Montana Department of Health and Environmental Sciences, 1157
 Montana Fish and Game Department, 1160
 Nalco Chemical Co., 1177
 National Renderers Association, Inc., 1216
 New Hampshire Fish and Game Commission, 1272
 New Hampshire Water Supply and Pollution Control Commission, 1275
 New Jersey Department of Environmental Protection, 1278
 New York Scientists' Committee for Public Information, Inc., 1298
 New York State Department of Health, 1306
 New York--Vermont Interstate Commission on the Lake Champlain Basin, 1315
 Northwest Pulp and Paper Association, 1351
 Oak Ridge National Laboratory, 1363
 Oceanic Research Institute, 1369

Ohio River Valley Water Sanitation Commission, 1375
 Oklahoma State University, 1401
 Oregon Environmental Quality Commission, 1404
 Oregon State University, 1421
 Purdue University, 1497
 Research and Development Institute of the United States (RADIUS), 1505
 Research Triangle Institute, 1507
 Rutgers--The State University, 1522, 1524
 Scientists' Institute for Public Information, 1553
 Slippery Rock State College, 1563
 Smithsonian Institution, 1574
 South Carolina State Board of Health, 1602
 South Dakota Department of Health, 1608
 Sport Fishing Institute, 1635
 State University of New York, 1647
 Tennessee Department of Public Health, 1674
 Tennessee Game and Fish Commission, 1676
 Tennessee Valley Authority, 1678
 Texas A&M University, 1686, 1691
 Texas Parks and Wildlife Department, 1697
 Tulane University, 1713
 University of Cincinnati, 1804
 University of Delaware, 1825, 1826
 University of Florida, 1833, 1835
 University of Georgia, 1854
 University of Hawaii, 1860, 1864
 University of Iowa, 1886
 University of Kentucky, 1903
 University of Louisville, 1908
 University of Maryland, 1925
 University of Massachusetts, 1930
 University of Montana, 1966
 University of North Carolina, 1986
 University of Rhode Island, 2026, 2032
 USC, Inc., 2111
 Utah State University, 2118
 Vermont Department of Water Resources, 2127
 Virgin Islands Department of Health, 2142
 Virginia Institute of Marine Science, 2149
 Washington State Department of Fisheries Library, 2164
 Washington State University, 2171
 Washington State Water Pollution Control Commission, 2173
 West Virginia Health Department, 2188
 West Virginia University, 2193
 Wyoming Department of Health and Social Services, 2219
See also Effluents; Fish kills; Industrial wastes; Mine waters; Oil spills; Salt water intrusion; Pollution

Water pollution control
 Agriculture, Department of, 0065
 Alaska Department of Environmental Conservation, 0123
 American Association for Contamination Control, 0147
 Arizona Department of Health, 0299
 Association of State and Interstate Water Pollution Control Administrators, 0348
 California Department of Public Health, 0415
 California Resources Agency, 0430
 Colorado Department of Public Health, 0478
 Columbia University, 0500
 Delaware Water and Air Resources Commission, 0594
 District of Columbia Department of Human Resources, 0604
 District of Columbia Department of Sanitary Engineering, 0608
 Environmental Protection Agency, 0652, 0653, 0656
 Georgia Water Quality Control Board, 0724
 Gulf South Research Institute, 0740
 Illinois Institute of Technology, 0849
 Interstate Sanitation Commission, 0937
 Kansas Department of Health, 0973
 Louisiana Wild Life and Fisheries Commission, 1039
 Minnesota Pollution Control Agency, 1142
 Montana Department of Health and Environmental Sciences, 1158
 MSA Research Corp., 1171
 Nebraska Department of Health, 1255
 Nevada Department of Health, Welfare, and Rehabilitation, 1260
 New Hampshire Water Supply and Pollution Control Commission, 1275
 New Jersey Department of Environmental Protection, 1279, 1280
 New Mexico Health and Social Services Department, 1283, 1285
 Ohio River Valley Water Sanitation Commission, 1375
 Ohio State University, 1390
 Oklahoma Department of Health, 1395
 Pennsylvania Department of Environmental Resources, 1445
 Polytechnic Institute of Brooklyn, 1472
 Purdue University, 1497
 Rice University, 1513
 Tennessee Department of Public Health, 1674
 Tennessee Valley Authority, 1677, 1680
 Texas Department of Health, 1692
 University of Arkansas, 1748
 University of Hawaii, 1864
 University of Maryland, 1923, 1925
 University of Massachusetts, 1929

SUBJECT INDEX

- University of North Carolina at Chapel Hill, 1987
 University of Pittsburgh, 2015
 University of Wisconsin, 2098, 2099
 Virginia Institute of Marine Science, 2149
 Washington State Library, 2167
 Washington State Water Pollution Control Commission, 2173
 Water Pollution Control Federation, 2178
 Wyoming Department of Health and Social Services, 2219
- Water prospecting**
 Michigan State University, 1121
- Water quality**
 Agriculture, Department of, 0012, 0094
 Air Force, Department of the, 0114
 Arizona Department of Health, 0299
 Arkansas Pollution Control Commission, 0306
 Association of State and Interstate Water Pollution Control Administrators, 0348
 California Department of Public Health, 0419
 California Institute of Technology, 0424
 California Resources Agency, 0430
 Clemson University, 0466
 Colorado Department of Public Health, 0478
 Colorado State University, 0492
 Commerce, Department of, 0508
 District of Columbia Department of Human Resources, 0604
 District of Columbia Department of Sanitary Engineering, 0608
 Environmental Protection Agency, 0645, 0647, 0648, 0653, 0654
 Georgia Water Quality Control Board, 0724
 Hawaii Department of Land and Natural Resources, 0759
 Illinois State Water Survey, 0852
 Interior, Department of the, 0891
 Interstate Sanitation Commission, 0937
 Kansas Department of Health, 0973
 Kansas State University, 0982
 Louisiana Tech University, 1036
 Louisiana Wild Life and Fisheries Commission, 1039
 Maine Department of Sea and Shore Fisheries, 1051
 Minnesota Department of Health, 1140
 Minnesota Pollution Control Agency, 1142
 Nebraska Department of Health, 1255
 Nevada Department of Health, Welfare, and Rehabilitation, 1260
 New Mexico Health and Social Services Department, 1285
 New York State Department of Environmental Conservation, 1301
- Ohio River Valley Water Sanitation Commission, 1375
 Ohio State University, 1390
 Oklahoma Department of Health, 1395
 Oregon Environmental Quality Commission, 1404
 Oregon State University, 1421
 Pennsylvania Department of Environmental Resources, 1445
 Pennsylvania State University, 1451, 1455
 Research Triangle Institute, 1507
 Rice University, 1513
 Tennessee Department of Public Health, 1674
 Tennessee Game and Fish Commission, 1676
 Tennessee Valley Authority, 1678
 Texas A&M University, 1691
 University of Alaska, 1731
 University of Arkansas, 1748
 University of California, Davis, 1768
 University of Delaware, 1826
 University of Illinois, 1882
 University of Maryland, 1925
 University of Nevada, 1974
 University of Rhode Island, 2032
 University of Tennessee, 2047
 University of Wisconsin, 2099
 Utah State University, 2118
 Washington State University, 2171
See also Turbidity
- Water resources**
 Agriculture, Department of, 0069, 0102
 American Forestry Association, 0204
 American Institute of Crop Ecology, 0219
 American Water Resources Association, 0288
 California Institute of Technology, 0424
 Clemson University, 0466
 Colorado State University, 0492
 Connecticut Department of Agriculture and Natural Resources, 0550
 Environmental Protection Agency, 0651
 Great Lakes Commission, 0730
 IDRES Information Center, 0840
 IIT Research Institute, 0841
 Interior, Department of the, 0924
 Iowa State University of Science and Technology, 0952, 0953
 Kansas State University, 0982
 Massachusetts Department of Natural Resources, 1074
 Michigan State University, 1121
 New York-Vermont Interstate Commission on the Lake Champlain Basin, 1315
 Ohio State University, 1390
 Oklahoma State University, 1401
 Oregon State University, 1424
 Pennsylvania State University, 1451
- Polytechnic Institute of Brooklyn, 1472
 Research and Development Institute of the United States (RADIUS), 1505
 Resources for the Future, Inc., 1508
 Rice University, 1513
 South Dakota Department of Game, Fish, and Parks, 1606
 South Dakota State University, 1613
 Sport Fishing Institute, 1635
 State University of New York, 1648
 Texas A&M University, 1691
 The Travelers Research Center, Inc., 1707
 Trout Unlimited, 1709
 University of Arkansas, 1748
 University of Delaware, 1826
 University of Florida, 1835
 University of Georgia, 1854
 University of Hawaii, 1864
 University of Idaho, 1870
 University of Illinois, 1882
 University of Kentucky, 1903
 University of Minnesota, 1958
 University of Nevada, 1974
 University of New Hampshire, 1981
 University of Rhode Island, 2032
 University of Tennessee, 2047
 University of Vermont, 2068
 University of Wisconsin, 2099
 Utah State University, 2118
 Vermont Department of Water Resources, 2127
 Virginia Polytechnic Institute and State University, 2155
 Washington State University, 2171
 Wisconsin Department of Natural Resources, 2209
See also Ground water; Lakes; Rivers; Streams
- Water resources development**
 American Water Resources Association, 0288
 Great Lakes Commission, 0730
 IDRES Information Center, 0840
 Louisiana Tech University, 1036
 New York State Department of Environmental Conservation, 1301
 Pennsylvania Department of Environmental Resources, 1446
 South Dakota Department of Game, Fish, and Parks, 1606
 University of Kentucky, 1903
 University of Minnesota, 1958
 University of Vermont, 2068
See also Regional planning
- Water resources management**
 Agriculture, Department of, 0099
 American Water Resources Association, 0288
 Army, Department of the, 0321
 Auburn University, 0356
 Colorado State University, 0492

- Delaware Water and Air Resources Commission, 0594
 Denver Public Library, 0597
 Great Lakes Commission, 0730
 IDRES Information Center, 0840
 IIT Research Institute, 0841
 Interior, Department of the, 0888, 0896
 Kansas State University, 0982
 Louisiana Tech University, 1036
 Massachusetts Department of Natural Resources, 1075
 Michigan State University, 1121
 Missouri Department of Conservation, 1153
 New Jersey Department of Environmental Protection, 1280
 Oceanic Research Institute, 1369
 Ohio State University, 1390
 Pennsylvania State University, 1451
 Soil Conservation Society of America, 1596
 South Dakota Department of Game, Fish, and Parks, 1606
 University of Arizona, 1733
 University of California, Davis, 1768
 University of Delaware, 1826
 University of Illinois, 1882
 University of Kentucky, 1903
 University of Maryland, 1925
 University of Minnesota, 1958
 University of Missouri at Columbia, 1962
 University of North Carolina at Chapel Hill, 1987
 Wisconsin Department of Natural Resources, 2209
See also Flood control
- Water rights**
 California Resources Agency, 0430
 Denver Public Library, 0597
 Michigan State University, 1121
 University of Florida, 1835
See also Water law
- Water supply**
 Air Force, Department of the, 0114
 Alaska Department of Environmental Conservation, 0123
 Arkansas State Department of Health, 0307
 Arkansas Water Pollution Control Association, 0308
 Army, Department of the, 0311
 Auburn University, 0356
 California Department of Public Health, 0419
 California Institute of Technology, 0424
 Colorado Department of Public Health, 0478
 District of Columbia Department of Sanitary Engineering, 0608
 Environmental Protection Agency, 0653
- Florida Department of Health and Rehabilitative Services, 0684
 Great Lakes Commission, 0730
 Health, Education, and Welfare, Department of, 0772
 Illinois State Water Survey, 0852
 Interstate Sanitation Commission, 0937
 Iowa Department of Health, 0943
 Michigan State University, 1121
 Minnesota Department of Health, 1140
 Minnesota Pollution Control Agency, 1142
 Montana Department of Health and Environmental Sciences, 1158
 Nebraska Department of Health, 1255
 New Hampshire Water Supply and Pollution Control Commission, 1275
 New Mexico Health and Social Services Department, 1285
 New York State Department of Environmental Conservation, 1301
 New York State Department of Health, 1303
 Ohio State University, 1390
 Oklahoma Department of Health, 1395
 Oklahoma State University, 1401
 Pennsylvania Department of Environmental Resources, 1445
 Texas A&M University, 1691
 University of California, Davis, 1768
 University of Florida, 1835
 University of Minnesota, 1958
 University of Nevada, 1974
 University of Pittsburgh, 2015
 University of Wisconsin, 2098, 2099
 Utah State University, 2118
 Virgin Islands Department of Health, 2142
 Virginia Polytechnic Institute and State University, 2155
 West Virginia Health Department, 2188
See also Reservoirs
- Water telemetry**
 University of Arkansas, 1748
- Water treatment**
 Arkansas State Department of Health, 0307
 Army, Department of the, 0311, 0316
 Colorado Department of Public Health, 0478
 Connecticut Department of Health, 0551
 Environmental Protection Agency, 0651
 Florida Department of Health and Rehabilitative Services, 0684
 Illinois Institute of Technology, 0849
 Illinois State Water Survey, 0852
 Interior, Department of the, 0908
 Interstate Sanitation Commission, 0937
 Maine Department of Health and Welfare, 1048
 Minnesota Department of Health, 1140
 Nalco Chemical Co., 1177
- National Sanitation Foundation, 1227
 Nebraska Department of Health, 1255
 New Mexico Health and Social Services Department, 1283, 1285
 Oceanic Research Institute, 1369
 Ohio State University, 1390
 Oklahoma State University, 1401
 Pan American Health Organization, 1436
 Pennsylvania State University, 1455
 Tennessee Valley Authority, 1678
 Texas A&M University, 1691
 Tulane University, 1713
 University of Alaska, 1731
 University of Delaware, 1826
 University of Florida, 1835
 University of Louisville, 1908
 University of Massachusetts, 1929
 University of Minnesota, 1958
 University of North Carolina, 1986
 University of Rhode Island, 2032
 University of Wisconsin, 2099
 Washington State University, 2171
See also Desalting; Fluoridation; Microorganism control (water); Swimming pools; Sanitary engineering
- Water treatment chemicals**
 National Sanitation Foundation, 1227
- Water wells**
 Army, Department of the, 0311
 North Dakota State Laboratories Department, 1342
- Watershed development**
 Missouri Department of Conservation, 1153
See also Regional planning
- Watershed management**
 Agriculture, Department of, 0070, 0072, 0073, 0074, 0075, 0076, 0077, 0078, 0079, 0084, 0085, 0086, 0087, 0088, 0089, 0090, 0091, 0097, 0098, 0101, 0102
 Antioch College, 0293
 Association of Consulting Foresters, 0343
 Colorado State University, 0481, 0492
 Interior, Department of the, 0888, 0894
 New Jersey Department of Environmental Protection, 1281
 Northern Arizona University, 1348
 Oregon State University, 1416
 Pennsylvania State University, 1451
 Society of American Foresters, 1592
 Tennessee Valley Authority, 1679
 Texas A&M University, 1691
 University of Arizona, 1733, 1739
 University of California, Berkeley, 1757
 University of Georgia, 1854
 University of Idaho, 1870
 University of Montana, 1968
 University of Washington, 2077

SUBJECT INDEX

Vermont State Natural Resources
Conservation Council, 2131
See also Drainage; Soil conservation;
Flood control

Watersheds

Michigan State University, 1121
University of Georgia, 1852
University of Nevada, 1974
See also River basins

Waterways (transportation)

Agriculture, Department of, 0101
Army, Department of the, 0321
Congress of the United States, 0545
Great Lakes Commission, 0730
New Jersey Department of Environmental
Protection, 1280
Pennsylvania Department of
Environmental Resources, 1446
Tennessee Valley Authority, 1680

Waterways (watercourses)

Auburn University, 0356
University of Florida, 1835
University of Minnesota, 1958
See also Rivers; Streams;

Waxes

Chemical Specialties Manufacturers
Association, Inc., 0452

Weapons effects

Air Force, Department of the, 0112
See also Nuclear explosion effects

Weed control

Agriculture, Department of, 0046, 0055
American Society of Agronomy, 0272
Cornell University, 0563
Hay Fever Prevention Society, Inc., 0763
Interior, Department of the, 0896
Kansas State University, 0976
Massachusetts Department of Natural
Resources, 1076
Michigan State University, 1122
Mississippi State University, 1150
Nalco Chemical Co., 1177
New Hampshire Department of
Agriculture, 1269
Northeastern Weed Control Conference,
1347
Oregon State University, 1412
University of California, Berkeley, 1753
University of California, Davis, 1766
University of California, Riverside, 1780
University of Connecticut, 1815
University of Florida, 1837
University of Massachusetts, 1926
University of Wyoming, 2109
Virginia Polytechnic Institute and State
University, 2151, 2153
Weed Society of America, 2184

See also Aquatic weed control;
Phreatophyte control; Pest control;
Herbicides

Weeds

Agriculture, Department of, 0046
Nebraska Department of Agriculture,
1254
North Carolina State University at Raleigh,
1331
University of Illinois, 1876
Washington State Department of
Agriculture, 2163
Weed Society of America, 2184

Wetlands

Insect Control and Research, Inc., 0874
Interior, Department of the, 0900
National Audubon Society, 1197
Smithsonian Institution, 1575
University of Delaware, 1825
University of Maryland, 1915
See also Ecological preserves

Whole body irradiation

Air Force, Department of the, 0112
See also Radiobiology

Wilderness

Interior, Department of the, 0895
Quetico-Superior Wilderness Research
Center, 1502
Sierra Club, 1561
See also Ecological preserves

Wildlife

Agriculture, Department of, 0069, 0070,
0094, 0102
Alaska Cooperative Wildlife Research
Unit, 0122
Alaska Department of Fish and Game,
0124
Arizona Game and Fish Department, 0300
Arizona-Sonora Desert Museum, 0301
Auburn University, 0353
Bloomsburg State College, 0383
Boone and Crockett Club, 0386
Brookgreen Gardens, 0399
California Resources Agency, 0428
Colorado State University, 0481, 0489
Congress of the United States, 0545
Connecticut Board of Fisheries and Game,
0548
Connecticut Department of Agriculture
and Natural Resources, 0550
Delaware Division of Fish and Wildlife,
0593
Foresta Institute for Ocean and Mountain
Studies, 0696
Gaylord Memorial Laboratory, 0708
Georgia Game and Fish Commission, 0722
Gulf Coast Research Laboratory, 0737

Hawaii Department of Land and Natural
Resources, 0759
Idaho Cooperative Wildlife Research Unit,
0834
Idaho Fish and Game Department, 0838
Illinois Natural History Survey Library,
0850
Indiana Department of Natural Resources,
0858
Interior, Department of the, 0889, 0895,
0902, 0920, 0924
Iowa Conservation Commission, 0939
Iowa Cooperative Fishery Unit, 0940
Iowa Cooperative Wildlife Research Unit,
0941
Iowa State University of Science and
Technology, 0950, 0952
Kansas Biological Survey, 0971
Louisiana Wild Life and Fisheries
Commission, 1038
Maine Department of Inland Fisheries and
Game, 1050
Maryland Fish and Wildlife
Administration, 1067
Massachusetts Department of Natural
Resources, 1074
Massachusetts Division of Fisheries and
Game, 1083
Michigan Department of Natural
Resources, 1112
Michigan State University, 1122
Minnesota Department of Conservation,
1139
Mississippi Game and Fish Commission,
1145
Mississippi Museum of Natural Science,
1146
Missouri Department of Conservation,
1153
Montana Fish and Game Department,
1160
National Audubon Society, 1197
Nebraska Game and Parks Commission,
1256
New Hampshire Audubon Nature Center,
1267
New Hampshire Fish and Game
Department, 1273
New Jersey Department of Environmental
Protection, 1278
New Mexico Department of Game and
Fish, 1282
New York State Department of
Environmental Conservation, 1301
New York--Vermont Interstate
Commission on the Lake Champlain
Basin, 1315
North Carolina State University at Raleigh,
1336
North Dakota Game and Fish Department,
1341

Oakland Office of Parks and Recreation, 1366
 Ohio Agricultural Research and Development Center, 1371
 Ohio Department of Natural Resources, 1374
 Ohio State University, 1377, 1384, 1385
 Oklahoma Cooperative Wildlife Research Unit, 1394
 Oregon Game Commission, 1406
 Oregon State University, 1413, 1420
 Pennsylvania Game Commission, 1448
 Pennsylvania State University, 1454
 Puget Sound Museum of Natural History, 1489
 Purdue University, 1492
 South Dakota Department of Game, Fish, and Parks, 1606
 South Dakota State University, 1611
 Southern Illinois University, 1622
 State University of New York, 1648, 1650
 Tennessee Game and Fish Commission, 1675
 Texas A&I University, 1682
 Texas A&M University, 1686
 Texas Parks and Wildlife Department, 1697
 University of Arizona, 1734
 University of Florida, 1844
 University of Maryland, 1915, 1923
 University of Montana, 1966, 1968
 University of Nevada, 1972
 University of New Hampshire, 1981
 University of Washington, 2077
 Utah Department of Natural Resources, 2115
 Vermont Agency of Environmental Conservation, 2125
 Virginia Commission of Game and Inland Fisheries, 2143
 West Virginia Department of Natural Resources, 2187
 The Wildlife Society, Inc., 2203
 Wisconsin Department of Natural Resources, 2209
 Wyoming Game and Fish Commission, 2221, 2222
 Yale University, 2224

Wildlife conservation

American Committee for International Wild Life Protection, 0189
 Boone and Crockett Club, 0386
 California Resources Agency, 0428
 Denver Public Library, 0597
 Interior, Department of the, 0894, 0898, 0900
 Massachusetts Cooperative Wildlife Research Unit, 1071
 Oceanic Research Institute, 1369
 Oregon Game Commission, 1406

South Carolina Wildlife Resources Department, 1604
 Southeastern Association of Game and Fish Commissioners, 1616
 State, Department of, 1642
 University of Minnesota, 1957
See also Conservation; Endangered species

Wildlife management

Agriculture, Department of, 0070, 0094
 Alabama Cooperative Wildlife Research Unit, 0118
 Alaska Department of Fish and Game, 0124
 Arizona State University, 0303
 Arkansas Game and Fish Commission, 0305
 Biosciences Information Service of Biological Abstracts, 0381
 California Resources Agency, 0429
 Colorado State University, 0483, 0489, 0492
 Connecticut Board of Fisheries and Game, 0548
 Connecticut Department of Agriculture and Natural Resources, 0550
 Florida Game and Fresh Water Fish Commission, 0690
 Georgia Game and Fish Commission, 0722
 Hawaii Department of Land and Natural Resources, 0759
 Idaho Cooperative Wildlife Research Unit, 0834
 Idaho Fish and Game Department, 0838
 Illinois Department of Conservation, 0843
 Indiana Department of Natural Resources, 0858
 Interior, Department of the, 0893, 0898, 0900, 0901, 0902
 International Paper Co., 0933
 Iowa Cooperative Wildlife Research Unit, 0941
 Kansas Biological Survey, 0971
 Kansas Forestry, Fish and Game Commission, 0974
 Kentucky Department of Fish and Wildlife Resources, 0986
 Louisiana Cooperative Wildlife Research Unit, 1020
 Louisiana State University, 1030
 Massachusetts Cooperative Wildlife Research Unit, 1071
 Massachusetts Division of Fisheries and Game, 1083
 Michigan Department of Natural Resources, 1113
 Michigan State University, 1118
 Minnesota Department of Conservation, 1139
 Mississippi Game and Fish Commission, 1145

Missouri Department of Conservation, 1153
 Montana Cooperative Wildlife Research Unit, 1156
 Montana Fish and Game Department, 1160
 National Mosquito Control--Fish and Wildlife Coordination Committee, 1213
 New Hampshire Fish and Game Department, 1273
 New Jersey Department of Environmental Protection, 1278
 New Mexico Department of Game and Fish, 1282
 North American Game Breeders and Shooting Preserve Association, Inc., 1321
 North Dakota Game and Fish Department, 1341
 Ohio State University, 1385, 1387
 Oregon State University, 1413
 Pennsylvania Game Commission, 1448
 Rhode Island Department of Natural Resources, 1511
 Sierra Club, 1561
 Society of American Foresters, 1592
 South Carolina Wildlife Resources Department, 1604
 South Dakota Department of Game, Fish, and Parks, 1606
 South Dakota State University, 1613
 Southeastern Association of Game and Fish Commissioners, 1616
 Southern Illinois University, 1622
 State University of New York, 1649, 1650
 Tennessee Valley Authority, 1679
 Texas A&M University, 1686
 Texas Parks and Wildlife Department, 1697
 University of Arizona, 1734
 University of Connecticut, 1818
 University of Idaho, 1867
 University of Maine, 1909, 1914
 University of Massachusetts, 1930
 University of Wisconsin, 2089
 University of Wyoming, 2105
 Utah Department of Natural Resources, 2115
 Virginia Commission of Game and Inland Fisheries, 2143
 West Virginia Department of Natural Resources, 2187
 Western Association of State Game and Fish Commissioners, 2196
 The Wilderness Society, 2201
 Wildlife Management Institute, 2202
 The Wildlife Society, Inc., 2203
 Wisconsin Department of Natural Resources, 2209
 Wyoming Game and Fish Commission, 2222

SUBJECT INDEX

Wildlife refuges

Interior, Department of the, 0895
See also Ecological preserves

Wine industry

American Society of Enologists, 0274
 American Wine Association, 0289

Winemaking

American Society of Enologists, 0274
 Wine Institute, 2207
See also Viticulture

Wines

American Society of Enologists, 0274
 American Wine Association, 0289
 Wine Institute, 2207
See also Beverages

Wolves

Lobo Wolf Park, 1006
See also Mammals

Wood

Agriculture, Department of, 0070
 California Redwood Association, 0426
 Colorado State University, 0490
 The Institute of Paper Chemistry, 0886
 Iowa State University of Science and Technology, 0948
 Northern Arizona University, 1348
 Southern Research Institute, 1629
 Texas Forest Service, 1695
 University of California, Berkeley, 1757
See also Lumber; Petrified wood; Trees (plants)

Wood products

Agriculture, Department of, 0070, 0099
 American Forest Institute, 0203
 Army, Department of the, 0321
 Battelle Memorial Institute, 0364
 Colorado State University, 0481, 0490
 Forest History Society, Inc., 0695
 Michigan State University, 1122
 Michigan Technological University, 1123
 Oregon State University, 1416
 Society of American Foresters, 1592
 South Carolina State Commission of Forestry, 1603
 State University of New York, 1649
 Texas Forest Service, 1695
 University of California, Berkeley, 1757
 University of Maine, 1909, 1914
 University of Massachusetts, 1930
 University of Montana, 1968
 University of Washington, 2077
See also Lignin

Wood products industry

Agriculture, Department of, 0070, 0072, 0073, 0074, 0075, 0076, 0077, 0078, 0079, 0093, 0097, 0098
 American Forest Institute, 0203

Forest Farmers Association Cooperative, 0694
 Northwest Pulp and Paper Association, 1351

South Carolina State Commission of Forestry, 1603
 State University of New York, 1648
 University of California, Berkeley, 1757
 University of Missouri at Columbia, 1962

Wood products utilization

Agriculture, Department of, 0071, 0072, 0073, 0074, 0075, 0076, 0077, 0078, 0079, 0095, 0097, 0098
 American Pulpwood Association, 0256
 Association of Consulting Foresters, 0343
 Colorado State University, 0490
 North Carolina State University at Raleigh, 1336
 South Carolina State Commission of Forestry, 1603
 State University of New York, 1648
 Tennessee Valley Authority, 1679, 1680
 Texas Forest Service, 1695
 University of Idaho, 1867
 University of Missouri at Columbia, 1962

Wool

University of Wyoming, 2108
See also Fibers

Working conditions

Health, Education, and Welfare, Department of, 0782

X ray analysis

Western Kentucky University, 2198

X rays

Commerce, Department of, 0506

Yeasts

Rainier Brewing Co., 1503
 Southern Illinois University, 1624
See also Fungi

Yellow fever

Louisiana State University, 1031
See also Tropical diseases

Yogurt

Milk Industry Foundation, 1131
See also Dairy products

Zoogeography

The American Museum of Natural History, 0235
 Colorado State University, 0489
 Interior, Department of the, 0897
 University of California, Los Angeles, 1775
 University of Michigan, 1944
See also Animal ecology

Zoology

Agriculture, Department of, 0069, 0099
 Alaska Department of Fish and Game, 0124
 The American Museum of Natural History, 0235
 Arizona State University, 0303
 Bayard Cutting Arboretum, 0368
 Biological Society of Nevada, 0378
 Biosciences Information Service of Biological Abstracts, 0381
 Brigham Young University, 0397
 Brown University, 0405
 Carnegie Library of Pittsburgh, 0438
 Catskill Game Farm, Inc., 0444
 Central Washington State College, 0450
 Colorado State University, 0484, 0491
 Columbia University, 0497
 Dayton Museum of Natural History, 0583
 Detroit Zoological Park, 0602
 Drake University, 0611
 Duke University, 0616
 Earlham College Libraries and Museum, 0625
 East Tennessee State University, 0628
 Eastern Washington State College, 0631
 Explorers Club, 0662
 Gulf Coast Research Laboratory, 0736
 Harvard University, 0756
 Health, Education, and Welfare, Department of, 0814
 Highlands Biological Station, Inc., 0821
 Idaho State University Library, 0839
 Indiana University, 0862, 0864
 International Society on Toxinology, 0936
 Iowa State University of Science and Technology, 0952
 Kansas City Public Library, 0972
 Kansas State University, 0983
 Lloyd Library and Museum, 1005
 Los Angeles County Museum of Natural History, 1016
 Louisiana Tech University, 1035
 Miami University (Ohio), 1106
 Milwaukee Public Museum, 1135
 Mississippi State University, 1149
 Nassau College, 1180
 New York Zoological Society, 1316
 North Carolina State University at Raleigh, 1336
 Northwestern University, 1353
 Ohio Academy of Science, 1370
 Ohio State University, 1377, 1379
 Organization for Tropical Studies, Inc., 1425
 Pacific Scientific Information Center, 1433
 Princeton University, 1480
 Quetico-Superior Wilderness Research Center, 1502
 Slippery Rock State College, 1563
 Smithsonian Institution, 1582

SUBJECT INDEX

Southern California Academy of Sciences, 1620
 Southern Illinois University, 1625
 Springfield Science Museum, 1636
 Stanford University, 1638
 Syracuse University, 1667
 Texas A&I University, 1682
 Toledo-Lucas County Public Library, 1705
 University of California, Los Angeles, 1773
 University of California, Riverside, 1779
 University of Colorado, 1812
 University of Florida, 1834
 University of Hawaii, 1863
 University of Illinois, 1872
 University of Kansas, 1893
 University of Kentucky, 1899
 University of Maine, 1909
 University of Minnesota, 1957

University of Nevada, 1973
 University of New Hampshire, 1979
 University of Oklahoma, 1996
 University of Oregon, 2000
 University of Pennsylvania, 2002
 University of South Florida, 2040
 University of Texas at Austin, 2050
 University of Washington, 2084
 University of Wisconsin, 2085, 2089, 2103
 University of Wyoming, 2108
 Worcester State College, 2216
 Zoological Society of San Diego, 2229, 2230

Zoonoses

Agriculture, Department of, 0059, 0061
 Army, Department of the, 0330
 Association of State Public Health Veterinarians, 0349

California Department of Public Health, 0420
 Colorado State University, 0484
 Health, Education, and Welfare, Department of, 0774, 0807
 New Hampshire Department of Agriculture, 1269
 Ohio State University, 1389
 Pan American Health Organization, 1438
 University of Iowa, 1884
 University of Maryland, 1920
 University of Michigan, 1944
See also Disease vectors; Animal diseases; Veterinary medicine; Public health

Zooplankton

University of California, San Diego, 1788
 University of Wisconsin, 2093
See also Plankton

